

At a meeting of the Committee appointed by the Council respecting the Allocation of Sites in Cathays Park, held at the College on Friday, November 3rd 1899.

PRESENT:--

Mr Alfred Thomas M.P., (in the chair)
Dr W.T. Edwards
The Treasurer
Sir John Gunn
Dr Treharne

The Notice convening the meeting was read.

After some discussion

Resolved.

(1) That the Treasurer, Dr Treharne, and the Acting-Principal, be requested to draw up a statement of points considered at this meeting as a basis for discussion at the next meeting of the Committee, and that this statement be circulated to the members of the Committee before the next meeting.

(2) That the next meeting of the Committee be held on Wednesday next, November 8th, at 12 noon.

(Signed) Alfred Thomas.

-----o-----

Y
Z

At a meeting of the Committee appointed by the Council respecting the Allocation of Sites in the Cathays Park, held at the College, on Wednesday, November 8th, 1899.

PRESENT:--

Mr Alfred Thomas M.P., (in the chair) ~~unopposed~~
Dr W.T. Edwards
The Treasurer (Mr H.M. Thompson)
Dr J.Ll. Treharne
Mr Alderman Sanders
Mr John Duncan
The Acting-Principal

It was understood that all resolutions passed on the agenda for this meeting should be a basis for a report to the Council with the exception of the resolution on agendum 10 which would be the reply to be sent to the Town Clerk's letter of October 3rd.

- Resolved. (1) That it is desirable that the College authorities should have complete control of the land allotted for buildings.
(2) That subject to the above, it is desirable to obtain four acres in the Cathays Park as a building site.
(3) That it is desirable to endeavour to obtain a site of four acres as a free gift.
(4) That it is essential for the satisfactory working of the College classes that suitable boundary fences should be erected, but it is desirable that such fences should not interfere with the park-like character of the grounds, and might consist of a dwarf wall & iron railing.

Resolved. To forward the following reply to the Town Clerk's letter of October 3rd:--

(2)

"Dear Sir,

In reply to your letter of October 3rd, I am directed
"to state, that having in view the objects of the University
"College, it is, in the opinion of the Council not desirable
"that the Public should have free access to the grounds, quiet
"& freedom from outside disturbance, being of the greatest
"importance".

Resolved. That the next meeting of the Committee be held on
Friday next, November 10th, at 11 o'clock a.m. and
that a Special Meeting of the Council be called to
consider the report of the Committee on Tuesday
next, November 14th, at 12 noon.

(Signed) Alfred Thomas.

-----o-----

At a meeting of the Committee appointed by the Council respecting the Allocation of Sites in the Cathays Park, held at the College on Friday, November 10th, 1899.

PRESENT:--

Mr Alfred Thomas M.P., in the chair.
Mr H.M.Thompson
Dr W.T.Edwards
The Acting-Principal

-----O-----

At a meeting of the Committee appointed by the Council
respecting the Allocation of Sites in the Cathays Park,
held at the College, on Wednesday, November 15th, 1899.

PRESENT:--

Mr Alfred Thomas M.P., (in the chair)
The Treasurer (Mr H.M.Thompson)
Dr W.T.Edwards
The Acting-Principal

-----o-----

At a meeting of the Committee appointed by the Council respecting the Allocation of Sites in the Cathays Park, held at the College on Wednesday, November 22nd, 1899.

PRESENT:--

Dr W.T. Edwards (in the chair)
 Mr Alderman Sanders
 Mr H.M. Thompson
 Dr Treharne
 Mr John Duncan
 The Acting-Principal

The Acting Principal submitted a form of Memorial to be presented to the Corporation of Cardiff.

Resolved. To request the Registrar to obtain proof copies, and to distribute them among the members of the Committee.

Resolved. That the next meeting of the Committee be held on Thursday, the 30th inst, at 3 o'clock.

-----O-----

Alfred Thomas

At a meeting of the Building Committee held on Monday,
January 13th 1903.

PRESENT:-

Mr Alfred Thomas M.P., President.
The Principal.
Dr J. Ll. Tretharne.
Mr John Duncan.
Mr T. H. Riches.

Report of the Senate on Buildings.

Resolved. To recommend the Council to request the Senate to revise this report and bring it up to date and to request the Registrar to circulate the revised report among the members of this Committee.

Resolved. To appoint a certain number of the members of the Building Committee to meet certain members of the Building Committee of the Birmingham University in order to discuss with them certain important matters connected with the building scheme of this College.

Resolved. To request the Registrar to communicate with Mr Morley - the Registrar of the University of Birmingham - and to arrange that this meeting should be held in Birmingham if possible on a Wednesday.

Resolved. To request the Registrar to ask the Registrar of the University of Birmingham for six copies of the report of the Birmingham University Committee on the canvassing and building scheme of that University.

The Site.

Resolved. To recommend the Council to accept the site allocated by the Corporation in the plan attached.

W. J. Edwards

At a meeting of the Building Committee held at the College on Saturday, March 1st 1902.

Present:-

Dr. W. T. Edwards (in the chair)
 Walter Thomas M.D.,
 H. M. Thompson.

The minute of the previous meeting were read and were confirmed.

Report of the Senate on Buildings.

Resolved To defer the consideration of the Report of the Senate on the College Buildings.

Leathys Park - Draft Conditions as to grant of land.

The Registrar presented this document which had been forwarded to him by the Town Clerk.

Resolved To request the Registrar to write on his own account to the Town Clerk to the effect that he assumes that this document was not intended to apply to the College because the Corporation has made a free grant of a freehold site to the College in the Leathys Park.

Wm. R. R. R.

At a meeting of the Building Committee, held at the College on Wednesday, March 19th 1902.

PRESENT:-

Mr T.H.Riches (in the chair).
Mr H.M.Thompson.
The Principal.
The Registrar.

The Minutes of the previous meeting were read and were confirmed.

The site of the College in the Cathays Park.

Resolved. To adopt the typewritten comments of Mr Riches subject to redrafting by the Principal, as the report of this Committee to the Council, concerning the Draft Conditions as to grants of land in the Cathays Park.

H. Sanders

-----o-----

STANDARD SPECIFICATION NO. 1

CEMENT

UNIVERSITY COLLEGE OF SOUTH WALES AND DOWNHILL

9
At a Meeting of the Building Committee,
held at the College on Tuesday, June 10th 1902.

Present:-

Mr Alderman Sanders (in the chair)

" Mr. Thompson (Treasurer)

" F. H. Riches

The Principal

The Minutes of the previous meeting were read
and were confirmed.

The following resolution of the Council was
read:-

- " To empower the Building Committee to engage
the services of a draughtsman who will
act in consultation with the Principal
and the Heads of Departments in preparing
a statement of the requirements of the
several Departments of the College."

The Principal read a letter received by him
from Mr A. H. Le Gassic - a draughtsman in
London - recommended by Dr Isaacbard Owen.

In this letter Mr Le Gassic stated that his charge
for the work required by the College would be 35/-
per week, and that he would expect to be paid his
travelling expenses.

Mr Riches undertook to personally interview Mr
Le Gassic in London on Thursday morning next.

Resolved That if the report of Mr Riches be
favourable, Mr Alderman Sanders, Mr
Riches and the Principal be made executive
to engage Mr Le Gassic on the terms mentioned
in his letter, but if the report be unfavourable
that these Gentlemen be empowered to

engage some other draughtsman at a salary
not exceeding £2:10:0 a week.

At a Meeting of the Building
Committee held at the College on
Monday, July 7th 1902,
Present:-

D^r W. P. Edwards (in the chair)
Mr H. M. Thompson
D^r J. F. Feharve
Mr Sidney Robinson
The Principal
Mr Edwin Owen
The Registrar.

Resolved To request the Principal to
prepare a statement for submission
to this Committee of the requirements
of each department, allowing for
probable growth of the College
to the extent of 40 to 60 %
above its present numbers, and
providing for a central Hall to
accommodate a 1000 persons.

Resolved To hold the next meeting of this
Committee on August 7th at
11 a. m.

August Thomas

At a meeting of the Building Committee held at the College on Thursday, August 7th, 1902.

Present:

Sir Alfred Thomas., M.P. (in the Chair).

The Right Hon. Lord Windsor.

Dr. W. T. Edwards.

The Treasurer.

The Principal.

Mr Lewis Williams.

Mr Sidney Robinson.

The Registrar.

The minutes of the previous meeting were read & were confirmed.

Resolved (1). That there shall be a limited competition for plans.

(2). That not more than five Architects be asked to compete.

(3). That the following Architects be asked to compete :-

Mr E. Champneys, London.

Alfred Thomas

Mr W. D. Caroe, London.

Resolved that The President, Lord Windsor, The Principal, & Mr Sidney Robinson be empowered to determine whether Mr John Belcher & Mr W. Marshall or either or neither be selected or any others the total number selected to be limited to four.

At a meeting of the Sub-Committee appointed by the Sites & Buildings Committee on August 7th, held at the Principal's house on August 13th, 1902.

PRESENT:-

The President (Sir Alfred Thomas).
The Right Hon. Lord Windsor.
Mr Sidney Robinson.
The Principal.

Resolved To add the names of Mr Marshall and Mr Belcher to the list of selected Architects.
The Principal was empowered to inform the four gentlemen who have thus been selected viz:- Mr Champneys, Mr Caroe, Mr Marshall, & Mr Belcher, of their nomination, and to ask them if they would be willing to enter for the competition, under the following conditions :-

1. Each unsuccessful candidate to receive a premium of 150 guineas.
2. The successful competitor to receive no premium unless, through any unforeseen circumstances, his plans are not afterwards accepted or the work is not commenced in three years - in that case he will receive a premium of 200 guineas.

Resolved That this Sub-Committee recommends the Building Committee to recommend the Council to grant it a further sum of 150 guineas so as to make it possible to pay the above premiums.
The members of the Committee present undertook to become responsible for the 150 guineas in case of the Council's refusal to act on the suggestion.
It was found that Architects of the standing of the gentlemen above enumerated would not consent to enter for such a competition in the absence of payment of this order.

Resolved To call a meeting of the Building Committee for 11 o'clock a.m. on Thursday, September 4th.

Alfred Thomas

At a Meeting of the Building Committee
held at the College on Thursday, Sept^r
4th 1902:-

Present:-

Sir Alfred Thomas M.P. (in the chair).
The Right Hon. Lord Windsor.
The Principal.
Mr John Duncan.
Mr Sidney Robinson.
Mr Lewis Williams.
The Registrar.

The Minutes of the previous Meeting
were read and were confirmed.

On the motion of the President, seconded
by Mr Lewis Williams-

Resolved, heartily and unanimously, to elect the
Right Hon. Lord Windsor Chairman of the
Building Committee.

Resolved, At this point Lord Windsor took the chair.
To adapt the report of the Sub-Committee.

Resolved, To request Lord Windsor, The President, The
Principal, and Mr Lewis Williams to interview
unofficially the Draper's Company.

The Principal submitted Draft
Conditions of Instructions for competing
Architects, to be considered at a future
meeting.

A. T. Edwards

At a Meeting of the Building Committee held at the College on Tuesday, October 28th 1902.

Present :-

Dr. W. J. Edwards. (Vice President) (In the Chair).
 Mr. H. M. Thompson (Treasurer).
 The Principal.
 The Registrar.

Mr. D. W. Evans, Solicitor, was in attendance.

The Minutes of the last meeting were read and were confirmed.

A letter regretting absence was received from Lord Windsor.

The resolutions passed at the Special Meeting of the Council held on October 13th 1902. were read.

The following letters were received from the Town Clerk:-

Town Hall,
 Cardiff.
 4th October, 1902.

Dear Mr Principal
University College Lile.

Adverting to your letter on the question of the frontage to the New Buildings, and to the interview which Sir Alfred Thomas and yourself had with the Town Hall Sub-committee at its meeting on the 2nd inst, I have pleasure in

informing you that the following resolution was passed by the sub-committee, namely:-

"That the Council be recommended
"to construct a roadway of a width of 50
"feet on the Western side of the site
"allocated to the college, so as to give
"access to the Western front of the college
"Buildings."

I am, Dear Mr Principal,
Yours faithfully,
(Signed). J.L. Wheatley.

Town Clerk.

Principal E.H. Griffiths.

Town Hall,
Cardiff.

20th October, 1902.

Dear Mr Principal

University College Site.

I thought I would let you know that the Council has not adopted the sub-committee's recommendation which I conveyed to you in my letter of the 14th October.

Yours faithfully
(Signed). J.L. Wheatley.

Town Clerk.

Principal E.H. Griffiths.

University College.

Cardiff.

Resolved To forward these letters to the Council.

The draft terms of contract for plans with the competing Architects were

considered, and instructions were given to Mr D.W. Evans in regard to the amendment of several of the clauses.

Resolved

To authorise the Principal and Mr D.W. Evans to meet the Architects in London for the purpose of conferring with them in regard to the terms of contract.

The Committee made the following notes for the guidance of the Principal and Mr D.W. Evans :-

- (1). That in the opinion of this Committee, the Council should not be liable to pay commission on any part of the buildings not actually erected.
- (2). That the Council should not be bound to employ the successful Architect or his successors in the erection of the portion of the buildings which are not undertaken within the next seven years.
- (3). That if necessary, this Committee sanctions the representatives repeating the proposition made in clause 22 of the draft agreement respecting the payment of a proportionate part of the sum of two hundred guineas to the successful Architect.

Herbert M Thompson

At a Meeting of the Building Committee
held at the College on Monday, November
3rd 1902.

Present:-

Mr H. M. Thompson (in the Chair).
Mr Sidney Robinson.
The Principal.
The Registrar.

Mr D. W. Evans was in attendance.

The Minutes of the previous Meeting were
read and were confirmed.

A letter was received from Lord Windsor
regretting absence.

Terms of Contract with the competing
Architects.

Mr D. W. Evans was in attendance and
explained the clauses and the terms.

Resolved To approve the terms, and to print and
circulate them among the competing
Architects.

Alfred Sturges

At a Meeting of the Building Committee held at the College on Wednesday, January 24th 1903.

Present:-

Sir Alfred Thomas, M.P., President (In the Chair).
 Dr. W. J. Edwards.
 The Treasurer.
 The Principal.
 Mr John Duncan.
 Mr Sidney Robinson.
 Mr Lewis Williams..
 The Registrar.

The Minutes of the previous Meeting were read and were confirmed.

The following letter was received from the Architects:-

"To the Principal of the University College of
South Wales, Cardiff."

Dear Sir,

'Competition for University Buildings.'

We the undersigned competitors think it will, before proceeding further with the development of plans, to call your attention to the financial difficulties which your scheme presents. In doing this it seems best that the calculations we submit should be based upon the plans supplied to us with, and as part of, the instructions. As no sections have been given, the only method of calculation open to all the competitors in common seems to be to ascertain by figures the mean height

which according to the areas given and the sum specified would be admissible. The enclosed reckoning is therefore made on the following basis :-

1. The basement and small outlying building for men's lavatories are estimated separately.
2. The area occupied by the library, which according to the instructions, allows of some elasticity, has been halved, so that the actual Library is excepted from the calculation.
3. The resultant area has been divided into the £50,000 (less the cost of basement and lavatory) specified as the limit of expenditure for the buildings required exclusive of the library, at 1/- per foot cube. The resultant height is found to be a fraction under 34 feet.

In addition to this; the Area shewn on the plans supplied is clearly inadequate. Further space must necessarily be occupied in avoiding obvious defects and casting the plans in an Architectural form and further areas have been asked for since the first instructions were given.

We believe this increased area would reduce the average height to about 32 feet.

It will be obvious to you (1). That the building cannot possibly be worked out to an average height of 32 feet from the bottom of the footings to half-way up the roof. (2). That 1/- per foot is no more than a reasonable standard of cost for the portion of the building under consideration.

45 feet seems to be the least mean height possible and in order to maintain the standard of 1/- per foot the sum appropriated to this portion of the building should be increased by about £20,000 :- That is from £50,000 to £70,000.

The only methods of meeting the difficulty appear to be either (A). to increase the expenditure, or (B). to instruct the competitors to omit, for present purposes, from their calculations certain portions of the present scheme, either at their own discretion or according to instructions to be furnished.

The only remaining alternative would be that they should adopt a standard of building which would work out at less than 9^d (nine pence) per foot, a standard more suitable to a Workhouse than to a collegiate building, and one with which we cannot think the committee would be satisfied. We enclose a paper containing the calculations upon which this memorial is based.

We are, Dear Sir,
Yours very faithfully,
(Signed) { John Belcher.
W.D. Baroe.
Basil Champneys.
Wm. B. Marshall.

Jan. 9. 1903.

University College, Cardiff.

Statement showing height of buildings in
instruction plans, calculating the price per foot
cube at one shilling

$\frac{1}{2} 228' 0" \times 45' 6" = 20,748$ feet sup^l. of wing building.

$75' 0" \times 60' 0" = 4,500$ " " of back do.

25,248.

$106' 0" \times 56' 0" = 5,936$ " " of centre part.

31,184.

Omit half of
centre part for
Library above. 2,968.
(separate cost) 28,216.

Total cost of Buildings to be $\pounds 50,000$.

Deduct.

Cost of basements, $\pounds 1,500$ say

" of lavatories $1,000$

2,500.

47,500.

$\pounds 47,500$ divided by superficial area of
28,216 feet as above gives a result of
"nearly 33' 8" for the height of the
buildings.

The Registrar read a letter from Lord
Windsor to the effect that he would be in
Cardiff during the first week in February.

Resolved

- (1). To invite the competing Architects to meet
the Building Committee in Cardiff during
the first week in February.
- (2). To request the Registrar to write to Lord

Windsor informing him of this resolution,
and requesting him to be present if in
any way possible, the mentioning of two
dates during that first week being left to
Lord Windsor.

Windsor

At a Meeting of the Building Committee
held at the College on Tuesday, February 3rd 1903.

Present.

The Right Hon. Lord Windsor, Vice-President,
Sir Alfred Thomas, M.P. (in the Chair).

Dr. W. J. Edwards.

The Principal.

Mr J. Harry Riches.

Mr H. M. Thompson.

Mr Sidney Robinson.

Mr Lewis Williams.

The Registrar.

Mr W. B. Marshall, one of the Architects, was
present by invitation.

The Minutes of the previous Meeting were
read and were confirmed.

Questions from Architects as to instructions.

Resolved

To make the Principal executive in this matter

Resolved

To request the Registrar to write to the
competing Architects to the following effect:-

"That if the competing Architects are
unanimously of opinion that in consequence
of the delay in forwarding particulars
relating to the Public Health Laboratory some
postponement is advisable in the dates after
which no questions were to be asked and
the plans delivered, the Building Committee
would be willing to assent to a
postponement of a month in each case."

Conditions & Instructions for competing Architects.

Resolved

With regard to Clause 21 to add after £60,000 in the second line, the words, "exclusive of the cost of the Library." The clause, therefore, will read as follows:-

"The amount to be expended on the administrative and Arts Departments is not to exceed a sum of about £60,000, exclusive of the cost of the Library, and on the whole of the buildings not to exceed the sum of £200,000, exclusive of furnishing, but including Architects' commission, boundary walls, drainage, lighting, ventilating, water supply, and all contingent works. In estimating the cost, due allowance will be made by the Council for fluctuations in the prices of labour and materials.

A verbatim report was taken of the interview with Mr Marshall.

W. T. Edwards

At a Special Meeting of the Building Committee, held at the College on Monday, March 2nd 1903.

Present:-

Mr H. M. Thompson (In the Chair).

The Principal.

Sir Isaac Owen.

Mr Sidney Robinson.

Mr Lewis Williams.

The Registrar.

Resolved To amend the latter part of Clause 8 in the Conditions and Instructions for competing Architects to read as follows:-

"No questions will be answered after the 15th day of March, 1903 except upon the unanimous request in writing of the four competitors."

R. P. Edwards

At a meeting of the Building Committee held at the College on Thursday, May 21st, 1903.

Present:-

Dr. W. T. Edwards. (In the Chair)
The Principal.
Mr. Lewis Williams.
Mr. John Duncan.
The Registrar.

The Minutes of the two previous meetings were read and were confirmed.

Appointment of Assessor.

Resolved That the Committee desires its Chairman, the Right Hon. Lord Windsor, to request the President of the Institute of British Architects to appoint the Assessor referred to in Clause 18 in the "Conditions and Instructions for Competing Architects" dated 10th November, 1902, in connection with the proposed New College Buildings at Cathays Park, Cardiff.

Resolved To request the Registrar to send the plans unopened, when received, to the Assessor so appointed.

-
Alfred Thomas

UNIVERSITY COLLEGE OF SOUTH WALES & MONMOUTHSHIRE, CARDIFF.

Proposed New Buildings at the Cathays Park, Cardiff.

Conditions & Instructions for Competing Architects.

Designs endorsed "Designs for University College Buildings" are to be addressed to the Registrar, University College, and are to be delivered free of cost at the University College, Cardiff, on or before the 30th day of ~~April~~^{May}, 1903, after which no designs will be received.

1. The Council of the University College of South Wales and Monmouthshire, Cardiff (hereinafter called the Council) invite designs and estimates from the following gentlemen :—

MR. J. BELCHER,
MR. W. D. CAROE,
MR. BASIL CHAMPNEYS,
MR. W. C. MARSHALL,

for new buildings for the University College which the Council propose to erect in the Cathays Park, Cardiff.

2. The plan supplied with these conditions and instructions contains a block-plan of the site, shewing the position of the main Corporation drains; for the purposes of the competitive drawings the ground may be taken as level.

3. The buildings must conform in every respect to the building bye-laws in force within the Borough, and the Council of the College are under covenant to submit the plans, sections, elevations and specifications, for the approval in writing of their lessors, namely, the Corporation of the County Borough of Cardiff.

4. For the present it is intended to erect only a portion of the whole scheme. Competitors are requested to send in a general design 16ft. to the inch, shewing a plan of each floor of the whole building, together with the elevations referred to in clause 19 hereof (such plans to shew with greater particularity the portion at present intended to be erected), together with a block-plan indicating the relative disposition of the various departments. The portion at present intended to be erected is to include the Administrative and Arts Department, Council Rooms, Normal Department, Common Rooms for Staff, and for Male and Female Students, Public Health Department, Research Laboratory and the Library, and is hereinafter referred to as the Arts Department.

5. All the drawings must be prepared by the competitors themselves, or by their ordinary office staff.

6. The competitor whose design is placed first by the Council will, subject to clause 14 hereof, be engaged to carry out the construction of the buildings, subject to any modification of the designs that may be decided upon by the Council, and must verify the plans supplied, and take any levels and sections necessary for the proper preparation of working drawings, and he will be held responsible for the accuracy of the same.

7. A premium of 150 guineas is offered to each of the three unsuccessful competitors.

8. The site may be viewed at any time, and questions as to the competition or concerning these conditions are to be addressed to the Registrar, University College; Cardiff. The queries and the replies thereto, will be sent to each competitor. No questions will be answered after the ^{10th} day of ~~February~~ ^{March}, 1903, except upon the unanimous request in writing of the four competitors.

9. The remuneration for the successful Architect's services shall be a commission of five per cent. on the total cost of the works executed under his directions. This commission is for the work specified in Clause 4 hereof, and the necessary preliminary conferences and sketches, the estimate, the necessary general and detailed drawings and specifications, duplicate set of tracings, duplicate specifications, general superintendence of the works and examining and passing the accounts, exclusive of measuring and making out extras and omissions, but including a complete set of the drawings for the use of the Corporation of the County Borough of Cardiff. In the event of the Council requiring any further work to be done by the successful Architect, the remuneration for such extra work shall be based upon the scale of charges approved by the Royal Institute of British Architects in 1898.

10. Each design is to be accompanied by a report detailing the materials suggested (which should be free-stone or granite or such other material as shall be approved by the Council's lessors) and hereof giving the nett cubical contents, including all walls, roofs, towers, chimney stacks, or other special features, and price per cubic foot of the portion at present intended to be erected as well as the total cost of the proposed buildings.

11. The intended method of warming and ventilation proposed must be indicated by the competitors. The buildings, which are to be of fire-proof construction, are to be lighted by electricity, the current for which will be supplied by the Corporation mains, and the estimate is to include wiring, water supply for fire-hydrants and other purposes.

12. All the designs, together with the reports and estimates, are to remain in the possession of the Registrar on behalf of the Council for a period of six months. If during that time the Council think proper to make any use of them in the completed design they shall be at liberty to do so upon such terms as may be agreed upon between the Council and the author of the design.

13. One copy of all plans, drawings, specifications, bills of quantities, measurement bills, and other documents of whatsoever kind, or proper duplicates thereof, prepared by the successful architect in connection with the competition and with the carrying out of the work shall become the absolute property of the Council, and shall be handed over to the Registrar immediately on the completion of the Arts Department; and before the erection of the buildings is commenced a complete set of copies of the signed contract drawings, specifications, and quantities, must be deposited at the Registrar's office for the use of the Council.

14. In the improbable event of the services of the successful architect not being required, or of the buildings not being commenced within three years from the day of the selection of the successful competitor, the Council will pay to the Architect whose designs are placed first a premium of 200 guineas.

15. The rate of commission which is to be charged for bills of quantities may be fixed at $1\frac{1}{2}$ per cent., exclusive of printing, lithographing, &c.

16. A Clerk of Works will be employed to superintend the work at the expense of the Council, but will be appointed by and be under the control and direction of the Architect.

17. All competitive designs must be sent in without name, motto or distinguishing mark of any kind, but each set must be accompanied by a sealed letter attached to the design addressed to the Registrar, University College, Cardiff, containing the name of the author.

18. In the selection of the designs the Council will be assisted by the advice of an Assessor.

19. All drawings shall be prepared upon a scale of 16 feet to an inch, and shall comprise (a) a plan of each intended floor of the building, (b) elevations of at least one side of each building, (c) sections shewing the heights of various rooms and principles of construction, (d) block-plans shewing the drainage, etc. No alternative scheme will be allowed, and if sent will be ruled out of the competition. The plans may be in ink or pencil upon drawing or tracing paper. They must be entirely free from shading. The windows only may be tinted in the elevations. The plans and sections may be coloured.

20. No perspective drawings will be permitted.

21. The amount to be expended on the administrative and Arts Department is not to exceed a sum of about £60,000, ^{exclusive of the cost of the Library} and on the whole of the buildings not to exceed the sum £200,000, exclusive of furnishing, but including Architect's commission, boundary walls, drainage, lighting, ventilating, water supply, and all contingent works. In estimating the cost, due allowance will be made by the Council for fluctuations in the prices of labour and materials.

22. In the event of the Council not desiring to proceed with any of the works other than the Arts Department, the Council will pay to the successful Architect for the plans, &c., of the work not proceeded with, that proportion of the aforesaid premium of 200 guineas which the estimated value of the uncompleted work bears to £200,000, and the plans, &c., thereby become the absolute property of the Council.

23. The Architect employed by the Council to design and superintend the carrying out of the buildings will be required to enter into an agreement with the Council, to be prepared by the Council's Solicitors, setting forth the terms of his engagement with the Council, and including these and any other reasonable conditions which the Council may deem necessary or advisable.

24. All designs received by the Council will be publicly exhibited for seven days after the award has been published.

25. The Council are at liberty to reject designs:—

(a) If sent in after the period named.

(b) If in violation of the instructions.

(c) If they exceed the limits of the site.

(d) If the Council are advised by the assessor whom they appoint that the probable cost of the buildings will exceed the outlay stated.

By Order,

UNIVERSITY COLLEGE,

J. AUSTIN JENKINS,

CARDIFF, Nov. 10th, 1902.

Registrar.

University College of South Wales and Glamouthshire,
Cardiff.

NATIONAL TELEPHONE No. 512.

4th February 1903.

Dear Sir,

At a meeting of the Building Committee held yesterday, Mr. Marshall one of the Architects being present by invitation, it was resolved that in the Conditions and Instructions for Competing Architects, dated 10th Nov. 1902, the words "exclusive of the cost of the Library" be inserted in Clause 21 after "£50,000".

The whole clause therefore will now read thus:-

"The amount to be expended on the administrative and Arts Department is not to exceed a sum of about £50,000, exclusive of the cost of the Library, and on the whole of the buildings not to exceed the sum of £200,000, exclusive of furnishing, but including Architect's commission, boundary walls, drainage, lighting, ventilating, water supply, and all contingent works. In estimating the cost due allowance will be made by the Council for fluctuations in the prices of labour and materials."

This arrangement cannot be revised in the direction of adding to the cost.

You will hear later on concerning the following matters:-

- (1). Proposed extension of time.
- (2). Public Health Laboratory.
- (3). Report of the interview with Mr. Marshall.

Yours faithfully,

Secretary & Registrar.

At a meeting of the Building Committee, held at the College on ~~Wednesday~~, October 23rd, 1903.

Present:-

Sir Alfred Thomas, M.P., (In the Chair).
Mr. Herbert M. Thomas, Treasurer.
The Principal.
Mr. John Duncan.
Mr. Lewis Williams.
The Registrar.

Mr. D. W. Evans, Solicitor, was in attendance.

The minutes of the previous meeting were read and were confirmed.

A letter was received from Lord Windsor regretting absence.

The following resolutions of the Council were read:-

- (1) That the Building Committee be empowered to draw up the agreement with the successful Architect in accordance with Clause 23 of the Conditions and Instructions for Competing Architects.
- (2) That the Building Committee be given executive power to get out particulars of such quantities as they may think necessary.

Mr. D. W. Evans submitted the draft agreement with the successful Architect, and, after it had been carefully considered, and amended in some particulars -

Resolved That the Principal, the Registrar and Mr. D. W. Evans be authorised to get the draft agreement copied and forwarded to Mr. Caroe.

Quantities.

The Registrar was requested to send the letters from Messrs. Young & Brown, and Messrs. Leaning & Sons, Quantity Surveyors, to Mr. Caroe.

A letter was read from Mr. W. D. Caroe thanking the Council for their communication to the effect that his designs had been accepted for the new buildings, and expressing his appreciation of the manner in which the competition had been conducted.

The Registrar reported that he had expressed his regret in reply to a letter from Mr. E. R. Robson, of London, at his inability to comply with the request for a copy of the Conditions and Instructions for Competing Architects.

It was reported that the Borough Engineer had kindly given permission for his drawing office to be used by the draughtsman employed by the College to trace the plans of the new buildings.

Resolved To instruct Mr. D. W. Evans to insert the following particulars in the draft lease with the Corporation for the site:-

- (1) Five years to be the term within which the specified buildings are to be completed.
- (2) ~~£50,000~~ ^{£25,000} to be the sum which the College will expend in the erection of the said buildings, in labour, material, &c.

Recommendations to the Council.

Resolved To make the following recommendations to the Council:-

- (a) To pay to Sir Rowand Anderson, LL.D., of Edinburgh, his fee of £157 - 10s., as Assessor on the plans submitted in competition for the New Buildings.
- (b) That the Council be requested to hand to this Committee a cheque for Petty Cash to the amount of £500, to meet expenses in connection with the New Buildings; the Committee to furnish the Council with a monthly statement of the sums expended.
- (c) That the Principal be authorised to request the Architect to prepare a perspective view of the Library, and to make a sketch design of its interior fittings.
- (d) That the Principal be authorised to have a model prepared of the New Buildings, at a cost of about £25.

Resolved To report to the Council

- (a) That the plans of the New Buildings have been forwarded to the Town Clerk for submission to the Corporation.
- (b) That the Committee has granted permission for the plans to be on view at the Aberdare Hall, on the evening of the 13th November.

T. H. Thomas.

At a meeting of the Building Committee, held at the College on Tuesday, December 8th, 1903.

Present:-

Mr. T. H. Thomas (In the Chair).
The Principal.
The Registrar.

Mr. D. W. Evans, Solicitor, was in attendance.

The minutes of the previous meeting were read and were confirmed.

Letters were received from Lord Windsor and Mr. H. M. Thompson regretting absence.

Mr. D. W. Evans submitted the suggested amendments made by Mr. W. D. Caroe in some of the clauses of the draft agreement with him. These amendments were considered, and instructions were given to Mr. D. W. Evans in regard to the revision of certain of the clauses in the agreement.

The Registrar reported that in accordance with Mr. Caroe's request he had obtained the original drawings from the Town Clerk; that he had sent the drawings to Mr. Caroe; and that the Town Clerk had been supplied with tracings of the plans.

The following letter was read from the Borough Engineer to the Town Clerk respecting the plans of the New Buildings:-

"Town Hall,
Cardiff.
1st Decr 1903.

Dear Sir,

College Buildings.

Referring to yours of yesterday's date I have pleasure in handing you herewith the original plans of the above buildings, which have now been approved by the Town Hall Committee. The copies which you have handed me appear to be correct copies of the drawings in question except that they are in black and white, and not coloured as the originals, and I wish particularly to note that the parts of the building to be immediately proceeded with and coloured brick red on the original drawing are shown in black on the copies. I shall be glad to have the Architect's undertaking that the plans are, as stated, exact copies of the original drawings so that I may attach same to the copies in question. Before the plans can be submitted to the Public Works Committee it will be necessary that I should be supplied with a duplicate set of the drawings, one set of which will be returned to the College Authorities after they have been approved by the Public Works Committee and confirmed by the Council: but there are several additional items which will have to be supplied to the Public Works Committee not shown on the original drawings, particularly in the matter of drainage, of which there must be complete sections showing the falls and the points where they are to be connected to the public sewer in Park Place, where the drains shown on the plans terminate.

The Borough Byelaws provide that all plans submitted for approval of the Corporation shall be drawn to a scale of not less than eight feet to an inch, while the plans ~~are~~ drawn are only half that size, and in this respect they do not comply with the byelaws; but as drawings double the size would be very unwieldy, the Public Works Committee will probably consider whether in this case they will make an exception.

J. L. Wheatley, Esq.
Town Clerk."

Yours faithfully,
(Signed) W. Harpur.
Borough Engineer.

The Registrar reported

- (1) That a letter had been received from Mr. Caroe certifying that the reproductions forwarded were in every way exact copies of the original drawings, with the exception that a few slight discrepancies found in the originals had been corrected.
- (2) That this letter had been forwarded to the Borough Engineer.

The Registrar was requested to see the Borough Engineer respecting the clause in his letter referring to the additional items of information which will have to be supplied to the Public Works Committee and not shown on the original drawings.

The following letter was read from the Town Clerk:-

"Town Hall,
Cardiff.
4th December 1903.

Dear Sir,

College Buildings.

I am in receipt of your letter of the 2nd instant.

In reply, the approval of the plans by the Corporation as Owners of the land will in all probability be given at the next Council meeting on the 14th instant, but the approval of the Public Works Committee, and through them the Council, as the Authority to approve plans for Buildings under the Building Bye-Laws, is a separate matter.

The next meeting of the Public Works Committee will be on the 10th instant, but their proceedings will not be confirmed until the Council meet on the 11th January 1904.

Before the plans can be submitted to the Public Works Committee, however, it is necessary for me to have the information referred to in the letter from the Borough Engineer, copy of which accompanied my letter of the 1st instant.

Yours faithfully,

(Signed) J. L. Wheatley.
Town Clerk.

J. Austin Jenkins, Esq.
University College."

Feb. 3. 1904.

agawed Thomas
4

At a meeting of the Building Committee, held at the College on Wednesday, February 3rd, 1904.

Present:-

Dr. A. Garrod Thomas (In the Chair).
Mr. Herbert M. Thompson.
The Principal.
Mr. Councillor Sydney Robinson.

Mr. D. W. Evans, Solicitor, was in attendance.

The minutes of the previous meeting were read and were confirmed.

- Resolved (a) To approve the Agreement between the Council and Mr. W. D. Caroe, Architect for the New Buildings.
- (b) To recommend the Council to affix the Seal of the College to the Agreement between the Council and Mr. W. D. Caroe, Architect for the New Buildings, in accordance with Clause 23 of the Conditions and Instructions for Competing Architects, setting forth the terms of his engagement with the Council.

W. J. Edwards

At a Meeting of the Building Committee held at the College on Wednesday, February 17th, 1904.

Present:-

Dr W.T. Edwards (In the Chair)

The Principal

Mr Sidney Robinson

Mr T.H. Thomas

The Registrar.

The Minutes of the previous Meeting were read and were confirmed.

The Appointment of a Quantity Surveyor.

Resolved To request the Architect, Mr W.D. Caroe, to nominate a Quantity Surveyor, in accordance with the Agreement entered into between himself and the Council of the College.

Resolved To request the Registrar to return to Mr W.C. Marshall the designs submitted by him for the New Buildings of the College.

A letter was read from Mr A.G. Le Gassic, the draughtsman employed on the preliminary work in connection with the New Buildings.

Resolved That the Registrar be requested to reply to Mr Le Gassic to the effect that the Committee regrets it cannot do anything in the matter referred to in his letter.

A letter was read from Mr W.D. Caroe reporting that Mr Harpur, on behalf of the Corporation of Cardiff had informed him that a new Sewer would be laid in the new street to the North of the site of the new College Buildings, in order to facilitate the drainage arrangements. Mr Harpur had kindly promised him the levels of the new Sewer, on receipt of which he had undertaken to send Mr Harpur a revised drain plan to meet the new circumstances.

The Principal pointed out that if the Corporation consented to allow the College during its building operations to make use of the present walls and railings now standing in Cathays Park which practically coincide with the boundary of the site of the College, there might be a considerable saving of expenses in temporary hoardings, etc, and the Committee requested the Registrar to make a request to the Corporation to this effect.

W. T. Edwards

At a Meeting of the Building Committee held at
the College on Thursday, March 10th 1904.

Present:

Dr. W. J. Edwards (In the Chair).
The Principal.
Mr Councillor Sidney Robinson,
Mr J. H. Thomas,
Mr John Duncan,
Mr Lewis Williams,
The Registrar.

The Minutes of the previous Meeting were
read and were confirmed.

The Meeting was adjourned to a date when
it will be convenient for the Architect and the
Borough Engineer to attend.

W. J. Edwards

At a Meeting of the Building Committee held at the College on Wednesday, March 16th, 1904.

Present:-

Dr. W. J. Edwards (In the Chair).
 The Principal.
 Mr Lewis Williams.
 Mr John Duncan.
 Dr. J. Lynn Thomas.
 The Registrar.

Mr W. D. Caroe, the Architect, and Mr W. Harpur, the Cardiff Borough Engineer, were in attendance.

The Minutes of the previous Meeting were read and were confirmed.

Underground Rooms.

Resolved

To recommend the Council to provide one underground room in the New Buildings at a cost of £1400 on the north side of the Library.

The Appointment of a Quantity Surveyor.

Resolved

In accordance with the Agreement with the Architect, dated February 4th 1904, to approve the appointment of Mr F. J. Mullett, nominated by the Architect, as Quantity Surveyor for the Arts and Administrative Block.

Letter from the Drapers' Company.

The following letter was read from the Clerk to the Worshipful the Drapers' Company:-

"Drapers' Hall,
London, E.C.

14th March, 1904.

Dear Sir,

The Drapers' Company have had under consideration the memorial on behalf of the University College of South Wales Building Fund, and have been pleased to pass the resolution of which I enclose a copy.

I am,

Yours faithfully,
(Sgd.) W. P. SAWYER

Clerk.

J. AUSTIN JENKINS, Esq.,
Registrar
University College of South Wales,
Cardiff.

At a Court of Assistants of the Drapers Company, held at Drapers' Hall on the 10th March, 1904,

Resolved that the sum of £15,500 in lieu of the sum of £10,000 conditionally granted at the meeting of the Court of the 22nd July, 1895, be granted from the cash of the Company to the University College of South Wales for the purpose of erecting the structure of the proposed new Library, as shewn on the plans, elevations, and sketches submitted to the Company, and be paid by instalments as the work progresses.

(Sgd.) W. P. SAWYER,
Clerk."

Approval of the plans by the Cardiff Urban Sanitary Authority.

A letter was read from the Borough Engineer to the effect that the plans of the New Buildings of the College had been approved by the Cardiff Urban Sanitary Authority, subject to confirmation by the Town Council.

The Registrar reported that the competitive plans had been returned to the four competing Architects.

Mr Caroe was requested to submit designs for the book to be issued containing an Appeal for Funds, and the drawings of the New College Buildings.

Clipped from

At a Special Meeting of the Building Committee
held at the College on Thursday, June 9th, 1904.

Present:-

Mr. John Duncan (In the Chair)
Mr. T. Hurry Riches
The Principal.

A letter was read from Mr. Caroe.

Resolved

- (1) That Mr. Caroe be requested to communicate with two firms of ventilating Engineers, and request them to submit plans and estimates for the carrying out of the principles laid down by Dr. Shaw.
- (2) That the competing plans be laid before Dr. Shaw with a request that he will be good enough to report on them.
- (3) That Mr. Caroe be requested to report on the whole matter of the foundations, and to inform the Committee what is the distance to the marl.

Alfred Thomas

At a Joint Meeting of the Building Committee and the New College Fund Appeal Committee held at the College on Thursday, October 20th 1904.

Present-

Sir Alfred Thomas, M.P., President (in the Chair).

Resolved. To recommend to the Council that H.R.H. the Chancellor of the University be approached with a request to lay the Foundation Stone of the New College Buildings.

Alfred Thomas

At a Meeting of the Building Committee held
at the College on Tuesday, November 22nd.
1904.

Present-

Sir Alfred Thomas, M.P. (In the Chair).
The Principal.
Mr T. Harry Riches.
Dr. J. Lynn Thomas.
The Registrar.

The Minutes of the Meetings ^{of the Building Committee} held on
March 16th and June 9th 1904, and the
Minutes of a Joint Meeting of the Building
Committee and the New College Fund Appeal
Committee held on October 20th 1904 were
read and were confirmed.

Heating and Ventilation.

Three firms prepared Schemes for Heating
and Ventilation. These were submitted by the
Architect to Dr. Shaw, and a digest prepared
by the Architect was presented to the Committee.
Resolved- To adopt the advice of Dr. Shaw and the
architect, and to recommend the Council that
Scheme A be adopted and accepted in
principle.

Resolved. (further) That Mr. Jeffery, who submitted Scheme
A should be invited to tender for the Heating
and Ventilation in accordance with his
Scheme, together with the alterations and additions
suggested by Dr. Shaw and the Architect.

Resolved- To request the Registrar to attach a
sixpenny stamp to Mr. Jeffery's scheme.

W. J. Thomas

At a Meeting of the Building Committee
held at the College on Friday, January 1st 1905.

Present.

Sir Alfred Thomas, M. P. President (In the Chair)

M^r. Herbert M. Thompson, Treasurer.

The Principal.

The Registrar.

The Minutes of the previous Meeting were
read and were confirmed.

A letter was read from M^r. W. B. Garoe
inclosing a revised Scheme and Estimate
from M^r. Jeffreys for the heating and
ventilation of the New College Buildings.

Resolved To recommend the Council -

✱ To adopt the Tender of M^r. Jeffreys for the
Heating and Ventilation of the New
College Buildings in accordance with
his scheme, together with the alterations
and additions suggested by B^r. Shaw
and the Architect.

Original Tender	2675 : 0 : 0
Re-arrangement of fans	19
Separate apparatus for Library and back of Large Hall.	198
Damper & Registers for No 12 Professors Rooms	9
Radiators for block Rooms Ground floor.	19
Duplicate Electric Motor	79
Ditto for Library	45
Separate low pressure steam heating system for corridors & laboratories.	598

W. J. Edwards

3,642 : 0 : 0

At a Meeting of the Building Committee held at the College on Wednesday, March 1st, 1905.

Present-

Dr W. J. Edwards (in the Chair).
The Principal.
Mr H. M. Thompson.
Mr Councillor Sidney Robinson.
Mr. J. H. Thomas,
The Registrar.

The Minutes of the previous meeting were read and were confirmed.

The following letter was read from the Architect:-

" 8a, Whitehall Place,
London. S.W.
23rd Feb., 1905.

Dear Principal Griffiths,

I have been going into the question of substituting a Babcock & Wilcox boiler for the Lancashire boiler specified by Mr. Jeffreys, on several grounds, principally the height of the smoke shaft demanded by the Lancashire boiler, the getting of it in and out of the building on account of its great size, and the keeping of the underground horizontal flue water-tight.

Messrs Babcock & Wilcox have made a scheme which appears very satisfactory.

It will get rid of all the difficulties indicated above, and reduce the cost of the builders' work very considerably, but

it will cost about £200 more than the Lancashire boiler, less the sum we should have to spend upon the builders' work in connection with the latter.

Would you have any objection to the change, which need not interfere with Jeffrey's prices? I could, if you wish, introduce the extra as a provision in connection with the builders' work, and the total would probably amount to a saving.

Yours sincerely,

(Signed) W.D. Barrie.

Mr. Jeffreys entirely concurs, and considers that this proposal would be an improvement."

Resolved

To adopt Mr Barrie's suggestion with regard to the substitution of a Babcock & Wilcox boiler for the Lancashire boiler specified by Mr. Jeffreys, provided that there will be no material increase in the cost.

W.D. Barrie

At a Meeting of the Building Committee held at the College on Saturday, April 22nd 1905.

Present

The Right Hon. Lord Windsor, Chairman.
 Sir Alfred Thomas, M.P., President.
 Mr Herbert M. Thompson, Treasurer.
 The Principal
 The Registrar.

Mr W. D. Bosc, the Architect, was in attendance.

The Minutes of the previous Meeting were read and were confirmed.

Resolved

- To report to the Council
- (1) That the Committee has requested Messrs E. Turner & Sons to supply the foundation stone of the New College, and to do the builders' work connected therewith at cost price, and that the cost will probably not exceed £100.
 - (2) That the Committee has given instructions that the inscription on the foundation stone shall be in Latin, and has approved a draft submitted by Professor Slater.
 - (3) That the Committee has taken executive action in the above matters, because of urgency.
 - (4) To recommend the Council that the statue of the late Principal Viriamus Jones be placed ^{in the vestibule} of the new buildings.
 - (5) To approve the general arrangements for the platform and the seating accommodation on the occasion of the laying of the foundation stone, and to recommend Executive Committee

appointed by the Council to request Messrs E.
Turner & Sons to erect the platform and seats on
the condition that they will do this at cost price.

Herbert M Thompson 8/1/73

At a Meeting of the Building Committee held at the College on Monday, May 8th 1905.

Present

Mr Herbert M. Thompson (In the Chair)

The Principal

Mr G. H. Thomas.

The Registrar.

Mr D. W. Evans, Solicitor, was in attendance.

The Minutes of the previous Meeting were read, and were confirmed.

Tenders.

The resolutions of the Council passed at its Meeting held on May 3rd, 1905, respecting the obtaining of Tenders for the new buildings were read.

After full discussion and having taken expert advice,

Resolved

A

To prepare a list of Builders and Contractors who shall be invited to tender for the erection of the new buildings of the College.

Resolved

f

C

(a) That the Registrar and Mr D. W. Evans be requested to prepare the form of tender.

(b) That invitations to tender be issued through the Architect.

(c) That the following be the provisional list of those builders and contractors who shall be invited to tender for the erection of the new buildings of the College:-

Messrs Higgs & Hill, London.

Messrs Holloway Brothers London.

" E. Turner & Sons. Cardiff

" Stephens & Postow Bristol.

" Bollins & Godfrey, Tewkesbury.

" Longley & Sons, Brawley.

M^r Mowlem. London

Messrs. Hooper & Dicksee, London & Rugby.

" James Allan & Sons, Cardiff.

" W. Thomas & Co., Cardiff.

" W. King & Sons, London.

" W. Symonds & Co., Cardiff.

" Wilcock & Co., Wolverhampton,

" Mc Cormick & Sons, London.

" Lloyd Bros, Swansea.

- (d) That any additions to the list of those who shall be invited to tender be considered at the next meeting of this Committee

Contract

M^r D. W. Evans submitted the draft form of contract to be entered into between the Council of the College and the contractor or contractors for the erection of the new buildings. This was carefully considered and amended in some particulars.

- Resolved (a) To recommend the Council to delegate certain executive powers to the Building Committee with reference to matters that may arise during the performance of the contract.
- (b) To request the Registrar to ascertain from the Architect his opinion as to the interval of time which ought to be allowed in the contract for the completion of the work.

- (c) To recommend the Council to authorise the Building Committee to sign and issue cheques for payments to the contractor and to the Architect on receipt of certificates from the Architect stating the amounts due from the Council under the contract.
- (d) To approve generally of the draft form of contract submitted by Mr D. W. Evans, and to request Mr Evans to forward it to the Architect for his comments.

Next Meeting

Resolved That the next meeting of this Committee be held on Thursday next after the meeting of the Finance Committee of the Executive Committee appointed by the Council to make arrangements for the laying of the foundation stone of the new buildings, and that Mr Turner be requested to attend the meeting of the Building Committee.

Latin Inscription

Resolved To approve the final draft of the Latin Inscription for the foundation stone.

W. T. Edwards

At a Meeting of the Building Committee, held at the College May 11th 1905.

Present

Dr W. T. Edwards (In the Chair).
 Mr. Lewis Williams
 Mr. Herbert M. Thompson.
 The Principal
 Mr. John Duncan.
 Mr. Councillor Sidney Robinson
 Mr. G. H. Thomas
 The Registrar.
 Mr. D. W. Evans, Solicitor was in attendance.

The Minutes of the previous meeting were read and were confirmed.

Tenders.

Resolved.

That in view of the fact that each member of the Building Committee who was present at the meeting held on May 8th 1905 is present at this meeting and consents, Notice of Motion to rescind the following resolutions passed at the meeting of the Committee held on May 8th 1905, be not required to be given, but that such resolutions be and are hereby rescinded:-

- (a) To prepare a list of Builders and Contractors who shall be invited to tender for the erection of the new buildings of the College.
- (b) That invitations to tender be issued through the Architect
- (c) That the following be the provisional list of those builders and contractors who shall be invited to tender for the erection of the

of the new buildings of the college:-

Messrs Higgs & Hill, London,

" Holloway Bros London,

" J. Turner Sons, Cardiff.

" Stephens & Bastow, Bristol

" Collins & Godfrey, Tewkesbury

" Longley & Sons, Crawley

M^r Mawlem, London.

Messrs Foster & Dicksee, London & Rugby.

" James Allan & Sons, Cardiff

" W. Thomas & Co, Cardiff.

" W. King & Sons, London.

" W. Symonds & Co Cardiff.

" Wilcock & Co Wolverhampton

" McCormick & Sons, London.

" Lloyd Bros, Swansea.

- (d) That any additions to the list of those who shall be invited to tender be considered at the next meeting of this Committee.

Resolved (further) That tenders for the erection of the new buildings of the College be invited by public advertisement

Contract

- Resolved. (a) That a meeting of this Committee be held as soon as possible after receiving from the Architect his comments on the draft form of Contract submitted to him.
- (b) That any amendments or alterations which the Architect may make be included in the draft form of Contract and that the Contract be then printed and submitted to the Committee in proof form with the Architect's amendments.

or alterations indicated in italico.

- (c) That copies of the contract be sold to applicants for such a sum as shall be determined by the Architect, which sum will be refunded upon the receipt by the Committee of a bona fide tender.

Welsh Inscription.

Resolved To recommend the Council to approve the following inscription in Welsh submitted by the Registrar to be placed on one of the stones at the main entrance of the new buildings:-

B Fed

"Gosodwyd sylfaen yr adeilad hwn ar y 24th o Fehelin, 1903, gan ei Uchelder Brenhinol Sior, Tywysog Cymru, Canghellor Prifysgol Cymru.
~~Derbynwyd y rhoddirn ar yr adeilad oddi wrth wraig a boneddig.~~

L Williams

At a Meeting of the Building Committee held at the College on Friday June 2nd 1905.

Present.

Mr Lewis Williams, Vice-President (In the Chair)
 Mr Herbert M. Thompson
 The Principal,
 The Registrar.

Mr D. W. Evans, Solicitor was in attendance

The Minutes of the previous Meeting were read and were confirmed.

The Site.

The Registrar read the following extract from a letter received by him from the Architect dated June 1st:-

"I should say the site is several feet less in depth than it was originally given to us, and the building therefore comes nearer to the trees by that amount."

He also read the following letter received from Mr Harpur in this matter:-

Town Hall.

Cardiff.

2nd June 1905

Dear Mr Jenkins

New College Buildings.

I am in receipt of your letter of even date, but do not at all follow the contention of your Architect when he states:-

"I should say the site is several feet less in depth than it was originally given to us, and

and the building therefore comes nearer to the trees by that amount"

as such is certainly not the case.

The lines on the Park Place side, and on the Southern side of the site are identical with those shown on the original drawings, and on Mr Baroe's plan referred to below.

Mr Baroe forwarded to me a setting out plan for his buildings, and stated that he wished the Southern side to be rigidly adhered to, but that he was not particular as to the Northern side. He likewise stated, ^{that} he wished the Southernmost and Westernmost angle of the site to be right angles. Acting on these instructions the site was set out accordingly, and it was then found that by keeping the dimensions on the East, South, and West, to the figures shown upon Mr Baroe's plan, that the length of the line on the Northern side, against the New Road now being constructed, was 9 feet short of the dimensions shown upon Mr. Baroe's tracing.

The front Building Line of the College, at the Northern and Southern ends of same, is to be set back 43 feet from the beforementioned line of the Western side of the site, and this line I may state comes on the Western side of the trees.

If therefore the length, on Mr Baroe's plan, of the Northern side of the site had been adhered to, the said line of the Western side of the site would have been, at the Northern end of same, about 9 feet further to the Westward of the trees, and as the building line is fixed at 43 feet therefrom it will be observed that the more the boundary of the site is kept to the Westward the closer the

building line must come to the trees.

To summarise:- Had the figures shown upon Mr. Carro's plan been rigidly adhered to, the building line at the Northern end would be about 9 feet nearer the trees than at present.

Yours faithfully
(Signed) W. Harpur.

Borough Engineer.

J. Austin Jenkins Esq.,
The University College,
Cardiff.

The Trees

The Registrar read the following extract from a letter received ^{by him} from the Architect, dated 1st June.

"I send a plan shewing the trees which it would be in the interest of the building to remove both from a practical and artistic standpoint.

"My own feeling is strongly against removing trees if it can be avoided, but in this case and having regard to the somewhat unsatisfactory condition of some of the trees themselves, I think those indicated should go. I have put a blue cross through the trees which I think should go."

He also read the following letter sent by him to Sir William J. Lewis:-

University College
Cardiff.

2nd June 1905.

Dear Sir,

Referring to an interview which Principal Griffiths had with you with reference to the trees in the Bathays Park, which with your

consent may be cut down on the representation of the Architect. I enclose copy of a letter received today from the Architect on this matter. I am also forwarding the plan.

Yours faithfully
(Signed) J. Austin Jenkins.
Registrar.

Sir W. G. Lewis. Bart.

Resolved To authorise the cutting down of the trees in accordance with the suggestion of the Architect, provided the consent of Sir W. G. Lewis is obtained.

Resolved To request the Registrar to write to the Architect asking him to lay before this Committee the quantities for the block to be erected

Resolved To request the Registrar to write to the Architect asking him -

1. What delay would ensue if there were one contract for the whole block to be erected including the Foundations
2. At what time the quantities for the whole block to be erected will be ready.

Proposed Agreement with ^{the} Contractor

Mr B. W. Evans reported that in the opinion of the Architect, supported by himself, the Architect and not the Registrar should act as the Agent to the Council with the Contractor.

Resolved To amend the Agreement in this direction, on the understanding that an Agreement is entered into between the Council and the

Architect to the effect that any changes consequent on the adoption of the above suggestion will not limit the powers of the Council.

- Resolved To adopt the draft Agreement with the Contractor submitted by Mr. D. W. Evans subject.
- 1 To a satisfactory arrangement being arrived at with the Architect as above suggested
 - 2 To the Council being satisfied with the reference to the Arbitrators.

Issuing of an advertisement

- Resolved To defer until the next meeting the consideration of the question of whether the Registrar or the Architect shall sign the advertisement for Tenders on behalf of the Council

Herbert H. Thompson

A Meeting of the Building Committee was summoned for Thursday, June 22nd 1905, to consider the following letter from the Architect, but there was no quorum:-

"8a, Whitehall Place,

London. S. W.

15th June, 1905.

Dear Mr. Austin Jenkins,

South Wales University College.

Mr. Mullett writes that he hopes to have the complete quantities ready in six weeks to two months.

I am sorry that the Council cannot see its way to let the foundations go forward so as to avoid this delay and make good use of the summer weather.

I feel certain that it would be advantageous in the matter of price in the long run as well as time.

Yours very truly,

(Signed) W. D. Corrie.

At a meeting of the Building Committee, held at the College on Tuesday, July 25th, 1905.

Present:-

Mr. Herbert M. Thompson (In the Chair).
The Principal.
Mr. Alderman S. Mildon.
Mr. Alderman Edward Thomas.
Mr. Councillor S. Robinson.
Mr. T. H. Thomas.
The Registrar.

The Minutes of the previous meeting were read and were confirmed.

Resolved To recommend the Council to make the quorum of this Committee three, as in the case of all the other committees of the College.

The Draft Agreement with the Contractor.

Resolved To defer this matter.

The Supplementary Agreement with the Architect.

Resolved To defer this matter.

Foundations.

Resolved (1) To make a separate contract for the laying of the Foundations of the New College Buildings.

(2) To ask the Solicitor to make any necessary alterations in the draft Agreement with the Contractor consequent on Resolution (1).

(3) To submit this draft Agreement, after the alterations by the Solicitor have been inserted in it, to those wishing to contract as containing the probable conditions which the Council of the College will approve.

(4) To ask the Architect to make it clear to the Clerk of the Works whom he will appoint for the foundations that this appointment does not of necessity imply that he will be appointed Clerk of the Works for the superstructure.

(5) To authorise the Architect to invite Tenders by public advertisement.

(6) That these Tenders are to be sent to the Registrar.

(7) That the Tenders, if possible, are to be in the hands of the Registrar by about the middle of August.

(8) That the following be appointed a Sub-Committee to be consulted by the Registrar in case of any difficulty in the matter of the advertisement:-

Mr. Herbert M. Thompson.
Mr. Alderman S. Mildon.
Mr. Alderman Edward Thomas.

(9) That the Architect be requested to insert the advertisement in the Western Mail and South Wales Daily News in addition to the Trade papers.

Portland Stone.

Resolved To defer the consideration for the present of the Architect's letter on this matter.

The Public Health Laboratory.

Resolved To recommend the Council to write to the County Council of Glamorgan and to the Corporation of Cardiff stating that the Council is prepared to carry out the conditions in this matter contained in the Lease of Land in Cathays Park dated January 1st, 1904, to the effect that the College will, immediately on the completion of the first block of buildings, erect a Bacteriological Laboratory; and that the Council is prepared to put up this building at an earlier date if the money required is forthcoming.

W. T. Edwards

At a Meeting of the Building Committee held at the College on Thursday, August 3rd, 1905.

Present-

Dr. W. I. Edwards (In the Chair).
 Mr. Herbert M. Thompson.
 Mr. Alderman S. Mildon.
 Mr. Councillor Sidney Robinson.
 Dr. Lynn Thomas.
 Mr. Alderman Edward Thomas.
 Mr. J. H. Thomas.

Mr. D. W. Evans, Solicitor, was in attendance.

The Minutes of the previous meeting were read and were confirmed.

The Draft Agreement with the Contractor.

Mr. D. W. Evans submitted the alterations necessary in the Draft Agreement with the Contractor consequent on the resolution of the Committee passed at its meeting held on ^{July} 25th 1905, to the effect that a separate contract be entered into for the laying of the foundations of the New College Buildings. These alterations were approved, and the date of the completion of the ^{for the foundations} contract, was fixed for March 14th, 1906.

At this point Mr. Herbert M. Thompson took the Chair.

- Resolved (1). That tenders for the laying of the Foundations of the New College Buildings be addressed to the Registrar under seal; that these tenders be opened and initialled by the Chairman of the Building Committee at a Meeting of the Committee to be held for the purpose of receiving the tenders; and that the Architect be invited to be present at such Meeting.
- (2). That tenders for the foundations be delivered to the Registrar not later than August 26th, 1905.
- (3). That the Meeting of the Building Committee to receive the tenders be held on August 28th, 1905.

W. J. Edwards

At a Meeting of the Building Committee, held at the College, on Monday, August 28th, 1905.

Present.—Dr. W. T. Edwards (in the Chair); Mr. Lewis Williams; Mr. Councillor Sidney Robinson; Mr. Alderman Edward Thomas; Mr. John Duncan; Mr. Alderman S. Mildon; the Registrar, Mr. W. D. Carde and Mr. D. W. Evans were in attendance.

The Minutes of the previous Meeting were read and were confirmed.

A letter was read from the Principal regretting absence.

Tenders for the laying of the Foundations of the New College Buildings.

The following Tenders were received for the Foundations of the New College Buildings:—

Messrs. E. Turner & Sons, Cardiff	...	£13,422	0	0
Messrs. W. King & Son, Westminster	...	13,960	0	0
Mr. J. E. Evans, Cardiff	...	14,328	0	0
Messrs. John Lintou & Co., Ltd., Newport	...	14,535	0	0
Messrs. James Allan & Son, Cardiff	...	14,622	10	8
Messrs. H. Willcock & Co., Wolverhampton	...	14,875	0	0
Mr. David Davies, Cardiff	...	15,275	0	0
Messrs. Wm. Thomas & Co., Cardiff	...	15,357	0	0
Messrs. J. Parnell & Son, Rugby	...	15,585	0	0
Messrs. W. Moss & Sons, Ltd., Loughborough	...	15,747	0	0
Mr. Watkin Williams, Cardiff	...	15,964	0	0
Messrs. G. Pollard & Co., Ltd., Taunton	...	16,500	0	0
Messrs. Higgs & Hill, London	...	16,764	0	0
Messrs. Foster & Dicksee, Rugby and London	...	17,666	0	0
Messrs. Stephens, Bastow & Co., Bristol	...	18,500	0	0
Messrs. Robert H. B. Neal, Ltd., Plymouth	...	20,068	0	0

The Registrar reported that three of the Tenders were received after the time specified in the advertisement, viz.:—12 o'clock noon, on Saturday, August 26th, 1905.

Resolved.—That these Tenders be received and treated in the same way as the others.

The Tenders were then opened by the Chairman, the Tenders and the envelopes in which they were enclosed were also initialled by the Chairman.

Resolved.—

- (1) That the Tender of Messrs. E. Turner & Sons, of £13,422, be accepted, subject to the approval of the Architect.
- (2) That the Registrar be requested to inform Messrs. E. Turner & Sons, of the decision of the Committee.
- (3) That the Registrar be authorised to make the figures public.
- (4) That the Sureties must be satisfactory to Dr. W. T. Edwards, Mr. Alderman S. Mildon, Mr. Councillor Sidney Robinson, and Mr. John Duncan.

The appointment of a Clerk of Works.

Resolved.—To recommend the Council to approve the action of the Architect in appointing Mr. E. W. Bolwell Clerk of Works, at a salary of £4 4s. 0d per week.

Reference was made to the question of any modifications by the Architect in the designs, involving an increased cost.

Mr. D. W. Evans drew attention in this matter to Clause 5 of the Agreement dated 4th February, 1904, between the Council and the Architect, and the Committee agreed that the Council is protected by the 5th Clause of that Agreement.

The Laying of the Foundation Stone of the New College Buildings.

The Architect produced the Account of Messrs. E. Turner & Sons in this matter.

Resolved.—To request the Architect to examine the account, and if necessary to consult with Messrs. E. Turner & Sons, and then to forward the account to the Council for payment.

Herbert M. Thompson

At a Meeting of the Sub-Committee appointed by the Building Committee in the matter of the sureties offered by Messrs E. Turner & Sons, held at the College on Monday, September 14th 1905.

Present-

Mr Councillor Sidney Robinson (In the Chair).
Mr. Alderman S. Mildons.

Resolved To accept the sureties offered by Messrs E. Turner & Sons in the following letter :-

"Penarth Road,
Cardiff.
August 31st, 1905.

J. AUSTIN JENKINS, Esq.,
Registrar,
University College, Cardiff.

Dear Sir,

New College Buildings.

We duly received your letter of the 29th inst., for which we thank you.

Our Sureties are :-

Mr. DAVID MORGAN,
Draper, &c.,
The Hayes, Cardiff;

and

Mr. DAVID MORGAN,
of D. MORGAN & SON,
Builders' Merchants,
The Parade, Cardiff.

Yours faithfully,
(Signed) E. TURNER & SONS."

Herbert M. Thompson

At a Special Meeting of the Building Committee, held at the College on Wednesday, January 10th 1906.

Present:-

Dr W. I. Edwards. (In the Chair)
The Principal.
Dr J. Lynn Thomas.
Mr Herbert M. Thompson.
Mr Alderman S. Mildon
Mr J. H. Thomas.
Mr Councillor J. Chappell.
The Registrar

The Registrar presented a certificate for £2,225 received from the Architect in favour of the Contractors for work done in connection with the New College Buildings.

Resolved To recommend the Finance Committee to sign a cheque for this amount in favour of Messrs E. Turner & Sons.

Herbert M Thompson

At a meeting of the Building Committee, held at the College on Monday, January 29th, 1906.

PRESENT:—

Mr. HERBERT M. THOMPSON (in the Chair).
The PRINCIPAL.
Dr. J. LYNN THOMAS.
Mr. ALDERMAN S. MILDON.
Mr. ALDERMAN EDWARD THOMAS.
The REGISTRAR.

Mr. W. D. Caröe was in attendance.

The Minutes of the meetings held on August 28th, September 4th, 1905, and January 10th, 1906, were read and confirmed.

Resolved—

- (1) To return to Messrs. Joseph Howe & Co., West Hartlepool, their deposit of £10 10s. re foundations of the new College Buildings.
- (2) To return to Mr. E. H. Page £8 8s. in connection with the same matter, retaining £2 2s. out-of-pocket expenses out of their £10 10s. deposit.

Messrs. E. Turner & Sons' Contract.

The Registrar read letters from the Architect, dated 12th October, 1905, and 12th January, 1906, explaining the reduction in the Contract of Messrs. E. Turner & Sons from £13,422 to £12,516 4s. 3d.

The Architect made a further report on this matter.

Resolved—

- (1) To approve the action taken by the Architect.
- (2) To offer him the thanks of the Committee for the action taken by him, and for the attention which he had given to the matter.

Contract and Bond.

The Registrar submitted the Contract duly executed by Messrs. E. Turner & Sons, and also the Bond referred to in the Contract.

The Superstructure.

Resolved—

- (1) To advertise for applications by Contractors for the opportunity of tendering, such applications to be received on or before February 24th.
- (2) To authorise the Architect and the Registrar to issue the necessary advertisement.
- (3) To hold a Special Meeting of this Committee on February 25th to receive such applications.

Drawings for the Appeal Book.

The Architect reported that his out-of-pocket expenses in the matter of these drawings amounted to £101 16s., and that in this amount was not included any charge for his own time and labour.

Resolved—To recommend the Council:—

- (1) To issue a cheque in favour of Mr. Caröe for £101 16s.
- (2) To permit Mr. Caröe to make an offer for the purchase of any or all of the drawings at a price to be named by him.

THE NEW BUILDINGS.

Electric Light.

Resolved—

- (1) Not to include the contract for the electric light fittings in the general contract for the putting up of the superstructure.
- (2) To authorise the Architect to give firms who specialise in this matter an opportunity to tender.

Gas.

Resolved—To request the Registrar to arrange for an interview by the Principal and himself with Mr. Morley, of the Gas Company, for the discussion of the whole matter.

The Public Health Laboratory.

Resolved—With reference to the letter from Mr. W. E. R. Allen, dated October 16th, 1905, to recommend the Council to reply stating that the Council is prepared to carry out the conditions in this matter contained in the Lease of Land in Cathays Park, dated January 1st, 1904, to the effect that the College will, immediately on the completion of the first block of buildings, erect a Bacteriological Laboratory; and that the Council is prepared to put up this building at an earlier date if the money required is forthcoming.

At a Meeting of the Building Committee, held at the College, on Monday, February 26th, 1906.

Present:—Dr. W. T. Edwards (in the Chair), The Acting-Principal, Mr. Alderman Edward Thomas, Mr. Counsellor John Chappell, Mr. Herbert M. Thompson, Mr. Alderman S. Mildon, The Registrar.

The Minutes of the previous Meeting were read and were confirmed.

The Superstructure.

The following applications for the opportunity of tendering for the erection of the Superstructure of the New College Buildings in the Cathays Park, Cardiff, were received:—

Messrs. James Allan & Sons, Cardiff.
Messrs. John Barnsley & Sons, Birmingham.
Messrs. D. Davies & Sons, Cardiff.
Mr. D. W. Davies, Cardiff.
Mr. Alfred J. Dolman, Gloucester.
Mr. William Hopkins, Birmingham.
Messrs. William King & Son, Westminster.
Messrs. McCormick & Sons, London.
Messrs. J. Parnell & Son, Rugby.

Messrs. Stephens, Bastow & Co., Ltd., Bristol.
Messrs. E. Turner & Sons, Cardiff.
Messrs. A. White & Sons, Liverpool.
Messrs. H. Willecock & Co., Wolverhampton.
Mr. Watkin Williams, Cardiff.

A letter was read from the Architect.

Resolved—That the Registrar be requested to forward to the Architect a list of those who have applied for the opportunity to tender for the erection of the Superstructure of the New Buildings, together with the letters of application, and to inform the Architect that the Committee has consented to act on his suggestion, that he should make comments on all the applications included in this list, which comments the Committee would be glad to receive at as early a date as possible, so that it may meet to further consider the matter.

Letter from Mr. E. H. Page.

A letter having been read from Mr. E. H. Page,

Resolved—To recommend the Council to refund to Mr. E. H. Page, under the circumstances referred to in his letter, the £2 2s. which was retained by the Committee for out-of-pocket expenses out of the £10 10s. deposit made by Mr. Page in the matter of the tender for the foundations of the New College Buildings.

The Electric Lighting of the New Buildings.

The following letter was read from the Architect:—

"8a, Whitehall Place,
London, S.W.,

22nd February, 1906.

Dear Mr. Austin Jenkins,

University College, Cardiff.

In further reference to the Meeting on Monday, I shall be glad if you will bring up the appointment of a Consulting Electrical Engineer to work with me in connection with the necessary electrical arrangements.

The building is large and important, and has some special needs, and I think it is a case where an expert should be appointed to work with me if the Council seem to think fit.

On enquiry I believe that Messrs. Lewis and Fletcher, of Cardiff, are thoroughly satisfactory people, and I need not say that it would be very satisfactory to me to be able to employ local talent.

Subject to the Council's approval, I would of course make terms with the Consulting Electricians and let you know exactly how the matter stood.

Yours very truly,

(Signed) W. D. CARÖE."

Resolved—

- (a) To request the Registrar to write to the Architect to the effect that the Committee will consider the question of the appointment of a Consulting Electrical Engineer, referred to in his letter of the 22nd February, together with the question of the contract for the electric lighting of the new buildings, when he has forwarded to the Committee all the applications received from those who have applied for permission to have an opportunity of tendering for the electric lighting, in response to an advertisement issued by the Registrar on February 15th, 1906, together with his comments on all such applications.
- (b) To request the Architect and Mr. D. W. Evans to be present at the meeting of the Committee when the matters referred to in resolution (a) will be considered.
- (c) To recommend the Council to request the Heads of Departments in Science to forward to the Registrar any comments they may wish to make on the supply of Electric Energy to the new buildings.

Drawings for the Appeal Book.

The Registrar reported that the Architect had forwarded a cheque for £40 for the purchase from the Council of the College of the drawings made by him for the Appeal Book.

At a meeting of the Building Committee, held at the College on Tuesday, March 20th, 1906,

Present—Mr. Alderman S. Mildon (in the Chair), Mr. Alderman Edward Thomas, Dr. J. Lynn Thomas, the Acting-Principal, the Registrar.

The Registrar read the following letter received from Mr. Caröe:—

"8A, Whitehall Place,
London, S.W.,
16th March, 1906.

Dear Mr. Austin Jenkins,

Cardiff University College.

A vein of running sand has been found in a certain part of the excavations.

I inspected it myself yesterday, and I think it is essential that I should be assured that it does not exist under any part of the building, the foundations of which are not carried to this depth.

Where it has been discovered I can, of course, deal with it easily, but I wish to have authority to make some trial borings under the heavier part of the building with shallow foundations. I shall be glad if you will authorise me to do this.

The work has been much retarded by the weather.

Yours very truly,

(Signed) W. D. CARÖE.

J. Austin Jenkins, Esq."

Resolved—To authorise the Architect to make such trial borings as he may deem necessary.

At a Meeting of the Building Committee, held at the College, on Wednesday, April 18th, 1906.

Present:—Sir Alfred Thomas, M.P. (in the Chair), the Principal, Mr. Councillor J. Chappell, Dr. W. T. Edwards, Mr. T. Hurry Riches, Mr. Alderman S. Mildon, Mr. T. H. Thomas, Mr. Alderman E. Thomas, Mr. John Duncan, Mr. Lewis Williams, the Registrar.

The Minutes of the meeting held on February 26th, 1906, having been already printed and circulated, were taken as read and were confirmed.

The Superstructure.

The following extract was read from a letter received by the Registrar from the Architect, dated April 11th, 1906:—

"As regards the builders who have made application to tender for the Superstructure, omitting the Cardiff builders, I am able of my own knowledge to recommend:—

Messrs. Stephens, Bastow & Co., Bristol.

Messrs. Willcock & Co., Wolverhampton.

Messrs. Parnell & Son, Rugby.

I have been able to obtain information (which I herewith enclose) in regard to the following firms:—

(1) Messrs. McCormick, Northampton Street, Essex Road, N.

(2) Messrs. White & Sons, Liverpool.

(3) Messrs. J. Barnsley & Sons, Birmingham.

(4) Mr. W. Hopkins, Birmingham.

(5) Mr. A. J. Dolman, Gloucester.

(6) Messrs. W. King & Sons, Vauxhall Bridge Road, S.W.

I venture to express the opinion that it would be unnecessarily haphazard to express the opinion that it would be unnecessarily haphazard the competition to confine it to the firms who have answered the advertisement. The wording was expressly considered so as to give the Committee ample latitude in adding to the names should they so desire.

The disadvantage of any form of advertisement is that the very firms who might be most advantageously employed do not care to answer.

I should like to suggest that invitations to tender be extended to the following:—

Messrs. Collins & Godfrey, Tewkesbury.

Messrs. Foster & Dicksee, London and Rugby.

Messrs. Holloway Bros., London.

Messrs. Higgs & Hill, London.

Messrs. Leslie, London.

Mr. Longley, Crawley.

Messrs. Hayward & Wooster, Bath.

Messrs. Thomas Rowbotham, Coventry Road, Birmingham."

Resolved—That the firms mentioned by the Architect in the above letter, as firms that have not applied for an opportunity to tender, be invited to tender for the erection of the Superstructure of the New College Buildings, together with those who have already applied for an opportunity to tender in response to the advertisement issued by the Registrar.

The Electric Lighting of the New Buildings.

A letter was received from the Architect, reporting on the applications received by him from those who have applied for the opportunity to tender for the electric lighting of the new buildings.

Mr. D. W. Evans attended the meeting in regard to the interpretation of certain clauses in the Agreement with the Architect respecting the electric lighting of the new buildings, and the Architect's suggestion that a Consulting Electrical Engineer be appointed.

Resolved—That the consideration of the question of the electric lighting of the new buildings be deferred until the next meeting, and that in the meantime a Sub-Committee, consisting of Mr. T. Hurry Riches and the Principal, be appointed to make enquiries, and report as to any expert assistance that may be available in Cardiff and the District in regard to the electric lighting of the buildings.

W.D.

Architect's Certificate.

The Registrar presented a Certificate for £3,000, received from the Architect, in favour of the Contractors, for work done in connection with the Foundations of the new College Buildings.

Resolved—To recommend the Finance Committee to sign a cheque for this amount in favour of Messrs. E. Turner & Sons.

Assistant Clerk of Works.

The Registrar reported that a letter had been received from Mr David Price, of 2, Partedige Road, Cardiff, offering his assistance as Assistant Clerk of Works for the new buildings, and that the Architect had written stating that, in his opinion, an Assistant Clerk of Works would not be necessary:

M. D. Edwards

At a Special Meeting of the
Building Committee held at the College on
Tuesday, May 8th 1906.

Present:

Mr. T. H. Thomas (In the Chair).

Mr. J. Lynn Thomas.

Mr. Councillor John Chappell.

Mr. Herbert M. Thompson.

The Registrar.

The Registrar submitted a certificate
from the Architect for £2000 in favour of
Messrs C. Turner & Sons.

Resolved. To recommend the Finance Committee to sign
a cheque for £2000 in favour of Messrs C.
Turner & Sons.

W. J. Edwards

At a Meeting of the Building Committee, held at the College on Monday, June 25th, 1906.

PRESENT:

Dr. W. T. EDWARDS (in the 'Chair').
THE PRINCIPAL.
Mr. Councillor HERBERT M. THOMPSON.
Mr. JOHN DUNCAN.
Dr. J. LYNN THOMAS.
THE REGISTRAR.

Mr. W. D. Caroe was in attendance.

The Minutes of the Meetings held on March 20th, April 18th, and May 8th, 1906, were read and were confirmed.

Running Sand.

A letter was read from the Architect, stating that the borings had been made, and that no pockets of sifting sand had been found; that the cost of the operations, so far as could be ascertained at present, was £31 6s. 6d., and that there were some other items to be included in the cost, an account of which had not yet been rendered.

Architect's Certificate.

The Registrar submitted a Certificate from the Architect for £3,000 in favour of Messrs. E. Turner & Sons.

Resolved—To recommend the Finance Committee to sign a cheque for £3,000 in favour of Messrs. E. Turner and Sons.

The Electric Lighting of the New Buildings.

The report of the Sub-Committee appointed by the Building Committee to make inquiries as to any expert assistance that may be available in Cardiff and the district in regard to the Electric Lighting of the New Buildings was read.

Resolved—To forward the report to the Council.

Tenders for the erection of the first portion of the New College Buildings.

The following letter was read from the Architect:—

8a, Whitehall Place,
London, S.W.,
June 22nd, 1906.

South Wales University, Cardiff.

DEAR MR. AUSTIN JENKINS,

In connection with Tenders for a considerable work of this kind, some uncertainty in the estimates sent in by Contractors must necessarily occur. In all probability the difference between the highest and lowest tenders sent in will amount to from 10 to 15 per cent, and this upon detailed quantities so careful that they have taken 9 months labour to prepare. It follows, therefore, that an estimate based upon the rough and ready method of cubing, the only method available in the first instance, may be subject to similar variations.

This estimate was also based upon the assumption stated at the time to be a fact, that the New Town Hall and Law Courts had cost 1½ per foot cube, whereas I am credibly informed that in execution this sum has been very considerably exceeded.

In my original estimate I had so far doubted it that I had calculated the Library at 1/1 per foot cube, and since I made my design certain matters have arisen which make me think it likely it may be exceeded in regard to other parts of the building. It is well, therefore, that I should call attention to these matters, which are chiefly three:—

us

1. The water in the foundations.
2. The system of ventilation.
3. Drainage.

1. The warning afforded by the Town Hall, and the pressure of water, not at first serious, but subsequently developing itself, has led to the need of making the whole of the basement into a submerged tank. The expenditure on asphalt alone has amounted to over £3,000, and I have had to bury steel in the concrete to resist water pressure and hold the concrete down.

2. I originally made arrangements for a supply of 2,000 cubic feet of fresh air per hour. This was increased in execution by your instructions, on the recommendation of Dr. Shaw, to 2,500, a recommendation in the advantage of which I fully concur. But you will readily understand that (like horse-power in connection with an engine) the extra provision needed is by no means directly relative to the increase. Boiler space has had to be more than doubled, two boiler flues erected instead of one, and the whole building has been virtually riddled with flues, increased very largely to avoid the draughts from air delivered at too high a pressure. For the same reason the inlets into the rooms have had to be nearly trebled. Dr. Shaw has also added a special system of exhausts under the window sills, which again duplicates all the exhaust flues.

The needful provisions to meet these extended needs have been the following:—

- (a) The construction of special flues projecting from the walls in place of flues buried in the walls. In consequence of the weakening of the walls by the multiplication of flues, the introduction of additional steelwork to sustain the weight of the building.
- (b) The extension of the basement (constructed as a submerged tank) under the whole of the Library space. In this spot, unfortunately, the water was most troublesome.
- (c) The provision of special arrangements for the increased boiler power, and for the insertion of the larger boilers employed together with the duplication and enlargement of boiler flues.
- (d) The necessary elaboration and cost of the mechanical system.

Apart from (d) for which the estimate amounts to £3,642, (this being included in the Tenders) the Quantity Surveyor estimates the cost of the extra building works involved, at between £3,000 and £4,000.

3. The absence of a Corporation Sewer in Park Street has required the construction of what is virtually a Main Sewer across the site.

Whatever be the result of the tendering these matters should, I think, be taken into consideration.

I may also point out that the cost of copper has, since I made my estimate, advanced about 40 per cent. This is a comparatively small matter as regards the flèche, but will affect the cost of the electrical installation.

Perhaps you will kindly bring this communication before the Committee previously to the Tenders being opened on Monday.

In order to meet possible excess of price, I have asked for tenders for various alternatives, which will permit of cheaper or dearer materials as may be decided upon.

I may add that if Forest of Dean stone were substituted for Portland in the exterior, I have reason to believe there would be a saving of about £3,000; but I am not sure if the Corporation make Portland obligatory.

I am,

Yours very faithfully,

(Signed) W. D. CAROË.

WS

The Registrar reported that three of the tenders were received after the time specified in the advertisement, namely, 12 o'clock noon on Friday, June 22nd, 1906.

Resolved That these tenders be received & treated in the same way as the others.

The following tenders for the erection of the first portion of the new Buildings were then opened:-

Name	Amount of Tender.		
	Library	Main Bldg	Total
1. Ramsley & Sons, Bham	£21,218	74,780	95,998
2. Watkins & Williams, Cardiff	23,102	79,983	103,085
3. J. Allen & Sons, do	21,706	80,218	101,924
4. R. Davies & Sons, do	24,034	85,563	109,597
5. D. W. Davies, do	22,800	81,200	104,000
6. E. Turner & Sons, do	18,862	68,985	87,847
7. Lamell & Son, Rugby	20,480	72,160	92,640
8. A. J. Dolman, Gloucester	21,800	74,000	95,800
9. Holloway Bros, London	19,680	70,154	89,834
10. W. J. Hopkins, Bham	20,000	73,000	93,000
11. H. Willcock & Co., W. Hampton	21,814	77,931	99,745
12. Higgs & Hill & Co., S. Lambeth	21,000	79,990	100,990
13. Leslie & Co. Ltd., London	22,604	81,434	104,038
14. W. King & Son, London	18,444	67,083	85,527
15. T. Rowbotham, Bham	20,161	71,985	92,146
16. Stephens & Bastow & Co. Ltd., Bristol	22,236	82,279	104,515
17. W. J. Cormick & Sons, London	22,920	82,758	105,678
18. Hayward & Hooster, Bath	22,412	85,175	107,587

Resolved (a) That this meeting be adjourned to Tuesday, July 2nd 1906, at 12 noon.
(b) That Mr Councillor Herbert W. Thompson,

the Principal & the Registrar, be requested to prepare a summary of the three lowest tenders received & a short report on them for submission to the adjourned meeting of the Committee.

- (c) That the Architect be requested to report also on the three lowest tenders received.

Alfred Thomas

At an Adjourned Meeting of the Building Committee held at the College on Tuesday, July 3rd, 1906.

PRESENT:—

Sir ALFRED THOMAS, M.P. (in the Chair).
 Dr. W. T. EDWARDS.
 Mr. LEWIS WILLIAMS.
 Mr. Alderman S. MILDON.
 Mr. Councillor JOHN CHAPPELL.
 Mr. Alderman EDWARD THOMAS.
 Mr. Councillor HERBERT M. THOMPSON.
 The PRINCIPAL.
 The REGISTRAR.

The Minutes of the Meeting held on June 25th, 1906, were read and were confirmed.

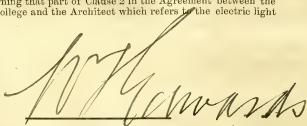
Mr. Councillor Herbert M. Thompson presented a report, and the Registrar submitted a complete summary of the three lowest tenders received.

The Committee then proceeded to further consider the Tenders for the erection of the first portion of the new buildings.

A letter (see "A" in the minute book) was read from the Architect respecting the three lowest tenders.

Resolved (unanimously)—To recommend the Council that Messrs. E. Turner & Sons' tender be accepted, subject to the adoption of any or all of the alternatives mentioned therein that may be desired by the Council of the College.

Resolved—That the Principal be requested to communicate with the Architect concerning that part of Clause 2 in the Agreement between the Council of the College and the Architect which refers to the electric light fittings.



A.

"8a. Whitehall Place
London. S.W.
June 29th 1906.

University College - Cardiff.

Dear Mr Austin Jenkins,

Since meeting the Committee I have had an opportunity of examining more fully the tenders, upon which I think the College is to be congratulated, not only upon the amount and upon the close tendering of the three lowest firms, but upon the fact that one of these is among the leading contractors of London and the other holds the same place in South Wales.

As to amount, as you are doubtless aware, original estimates are frequently exceeded.

In this case. I find that, making the proper allowance for such items as the water works and the elaborated system of heating and ventilation, the lowest estimate of £85,524 agrees almost accurately with the authorized figures, is in fact £43 less.

It is not often that such a satisfactory result is reached. Such being the case I might have hoped that the tender might have been accepted in full whereby the building could have been erected in the

best manner possible with the most suitable materials as specified. At the same time I fully realize the importance of meeting so far as may be the extraneous expenses incurred in consequence of the water works in the foundations and upon the system of ventilation decided upon.

as to suggested reductions:-

Alternative
No. 1.

Holloway £390
Turner 859
King 351

The substitution of Bath stone internally for Portland is an obvious alternative.

Bath stone is more friable and more likely to be injured, and when injured is apt to present a ragged appearance. I should not recommend the acceptance of the saving offered by Messrs King (£351) or Messrs Holloway Bros (£390). Either amount is insufficient. Messrs Turners offer of a saving of £859 more nearly represents the real difference in value.

No 2. £

Holloway 420
Turner 240
King 422

Brick in place of stone in the small courts.

I had originally proposed and estimated for brick in this position. I should not have expressed any preference in the matter but for 2 reasons:-

(I) We have already carried up several feet of these walls in stone.

(II) The interior courts of the Town Hall look so mean in brick that perhaps the College might think well not to copy the precedent. Perhaps some interested donor might be disposed to make good the difference.

No 3
and

Keene's cement in place of Portland stone in Vestibule.

No H. 2
Holloway 1541
Turner 1844
King 1530.

Heene's cement in place of Portland stone in staircase

These should be considered together.

I recommend the Committee to look at the Heene's cement similarly used in the Town Hall. Of course it lacks interest, texture, and the appearance of solidity as compared with stone. It will involve the expense of painting from time to time. It has the advantage that it can be repaired if and when injured.

I should regret its use on the staircase in connection with Lord Plymouth's alabaster more than elsewhere. Still it must be confessed that it represents a substantial saving. But plaster never can have the quality of stone.

No 5. 2
Holloway 856
Turner 986
King 498.

Substitution of plaster for glazed brick dados in glass Rooms.

It has become the custom on sanitary grounds to line the walls of glass Rooms with glazed surfaces. I may point out that glazed dados could always be added hereafter if it is deemed important to husband present resources.

(Addition)
No 6 2
Holloway 444
Turner 440
King 405.

The completion of the Front fence up to the S. West corner of the Chemistry Block (unbuilt)

This seems desirable.

No 7 2
Holloway 446
Turner 442
King 442.

Substitution of American Basswood for Oak in Vestibule Council Chamber, etc.

This might be a reasonable saving. It would leave Oak in use only in the Library if the Droppers Company decide upon it. Otherwise

we shall have American white-wood throughout.

It hardly seems necessary for me now to discuss the savings on the Library which I will lay before the Drapers Company.

I have asked the 3 lowest builders for quotations for the use of Forest of Dean stone in place of whitted Portland for the exterior.

I have received these amounts from :-

Messrs Holloway Bros. addition £1340.
Library £430.

Messrs Turner saving £490. Library £195.

The saving indicated by Messrs Turner is considerably less than I had anticipated from previous information obtained from Cardiff.

I may point out that the saving indicated by Messrs Turner is not proportionate to the amount of stone used in the Library and Main building and there appears to be some error.

Messrs King refuse to send in an amended price.

I have sent a private letter to you dealing further with the tenderers.

Yours very truly,

(sgd) W. D. Barrie."

W. D. Barrie

At a meeting of the Building Committee held at the College on Friday, July 13th 1906.

Present:-

- Dr. W. T. Edwards, (In the Chair)
 Mr. Lewis Williams,
 Dr. J. Hym Thomas.
 Mr. F. H. Thomas
 " John Duncan
 " Councillor Herbert M. Thompson.
 " Councillor John Chappell.
 " Alderman S. Mildon.
 The Principal.
 " Registrar.

The Minutes of the previous meeting were taken as read and were confirmed.

The alternative estimates on the Main Building in Messrs E. Turner & Son's contract for the erection of the Superstructure of the first portion of the New College Buildings were considered.

Resolved. To recommend the Council:-

(a) That the following alternatives be adopted:-

No 2. Cobble Vale bricks for facings in place of Shoddy facings. Saving £240.

No 6. Boundary Fence and Wall to be continued to the additional length, and returned to South end as proposed. Additional cost £440.

No 4. American Whitewood to be used in place of Austrian Oak. —
 Saving £680.

(b) That alternative N^o 5 be not adopted
 [Plaster dados to be used in place of
 glazed brick dados (except in the Sanitary
 Blocks). Saving £986].

The following alternatives were left for
 the consideration of the Council at its meeting
 to be held immediately following the meeting
 of this Committee :-

N^o 1. If Bath Stone is used instead of
 Base-bed Portland stone internally.
 Saving £859.

N^o 3. If Keene's Cement is used in place
 of Internal Base-bed Portland
 Stone in Vestibule. Saving . . . £806.

N^o 4. If Keene's Cement is used in place
 of Internal Base-bed Portland
 Stone in Stairs, Ground and First
 Floor and outside Council Chamber.
 Saving £1,038.

A. F. Thomas

At a Meeting of the Building Committee held at the College on Friday, July 20th, 1906.

Present.

Sir Alfred Thomas, M.P. (In the Chair)

Dr W. T. Edwards

The Principal

Mr Alderman S. Mildon

Mr Councillor John Chappell.

Mr W. D. Barrie was in attendance.

The Minutes of the previous Meeting were read and were confirmed.

A letter received from the Bath Stone Co, Bath was referred to the Architect.

The Committee considered the alternative estimates on the main building (Nos 1. 3. & 4.) in Messrs E. Turner & Sons contract for the erection of the superstructure of the first portion of the New College Buildings which were referred with executive power by the Council at its Meeting held on July 13th, 1906 to the Building Committee in consultation with the Architect.

The Architect having made a report in regard to the matter,

Resolved

That the alternative estimates on the main building (Nos 1. 3. & 4.) in Messrs E. Turner & Sons contract be not adopted.

The Principal stated the reason which made it desirable for the Committee to reconsider the alternative estimate No. 2. on the main building in Messrs E. Turner & Sons' Contract which the Council at its meeting on July 13th, 1906 resolved to adopt on the recommendation of the Building Committee, and pointed out that as this alternative Estimate only involved a sum of £240 the Committee had power to consider it under the Resolution of the Council which made it executive in regard to expenditure up to an amount not exceeding £500.

Resolved

That the alternative estimate on the main building No. 2. in Messrs E. Turner & Sons' Contract for the erection of the superstructure of the first portion of the New College Buildings be not adopted.

Resolved

To defer the consideration of the alternative estimates on the Library in Messrs E. Turner & Sons' Contract.

Alfred Thomas

At a Meeting of the Building Committee, held at the College on Tuesday, September 11th, 1906.

PRESENT:

Sir ALFRED THOMAS, M.P. (President) in the Chair.
THE PRINCIPAL
Mr. LEWIS WILLIAMS.
Mr. T. HURRY RICHES.
Mr. JOHN DUNCAN.
Mr. Councillor HERBERT M. THOMPSON.
THE REGISTRAR.

The Minutes of the previous Meeting were read and were confirmed.

Resolved—To recommend the Council, with reference to the alternatives for the Library Section, to accept alternative 10, and to reject alternatives 8, 9, 11, and 12.

The Principal reported that it had been the intention to put in steel girders to support the floors above, and that on his own responsibility he had stopped the builder from inserting these girders. He now suggested to the Committee that light brick arches should be put in, instead of these steel girders.

Resolved—To confirm the action of the Principal, and to accept his recommendation that light brick arches be put in for the support of the floors instead of the steel girders, on the ground that steel girders would interfere with measurements which might be made in the Physical Research Laboratory.

At a Special Meeting of the
Building Committee held at the College
on Wednesday, December 19th, 1906.

Present:

D^r W. T. Edwards (in the Chair).

Mr Lewis Williams.

" Councillor H. M. Thompson.

D^r J. Lynn Thomas.

The Registrar.

The Registrar submitted a Certificate
from the Architect for £4,000 in favour
of Mess^{rs} C. Turner & Sons.

Resolved: To recommend the Finance Committee to
sign a cheque for £4,000 in favour of
Mess^{rs} C. Turner & Sons.

At a Special Meeting of the Building Committee held at the College on Wednesday, February 6th 1904.

Present

Mr Lewis Williams (In the Chair)

Dr W. J. Edwards

The Principal.

The Registrar submitted a certificate from the architect for £6,740 in favour of Messrs E. Turner & Sons.

Resolved

To recommend the Council to sign a cheque for £6,740 in favour of Messrs E. Turner & Sons.

At a special Meeting of the Building Committee held at the College on Wednesday, 6th March 1904.

Present

Dr W. J. Edwards (in the Chair)

The Principal.

Mr H. T. Thomas

Mr Lewis Williams

Resolved.

To recommend the Council to appoint the following a sub-committee with executive power to deal with a letter received from the Architect recommending that the heating fire at the New Buildings be lined with a cast iron core instead of fireclay at an extra cost of £259-

Mr H. T. Thomas; Mr Lewis Williams;

The Principal.

"At a Special Meeting of the Building Committee, held at the College on Tuesday, March 12th, 1907.

PRESENT :—

Dr. W. T. EDWARDS (in the Chair), Mr. Councillor HERBERT M. THOMPSON, Mr. LEWIS WILLIAMS.

Certificates were submitted from the Architect for £4,500 in favour of Messrs. E. Turner & Sons.

Resolved—To recommend the Finance Committee to sign a cheque for £4,500 in favour of Messrs. E. Turner & Sons, being £1,000 on account of their Contract for the foundations, and £3,500 on account of their Contract for the erection of the Superstructure of the New College Buildings."

"At a Special Meeting of the Building Committee, held at the College on Monday, April 15th, 1907.

PRESENT :—

Dr. W. T. EDWARDS (in the Chair), The PRINCIPAL, Mr. T. HURRY RICHES, Mr. Alderman E. THOMAS, Mr. T. H. THOMAS.

A Certificate from the Architect for £3,000 in favour of Messrs. E. Turner & Sons, was submitted.

Resolved—To recommend the Finance Committee to sign a cheque for £3,000 in favour of Messrs. E. Turner & Sons, on account of their contract for the erection of the superstructure of the New College Buildings."

At a Special Meeting of the Building Committee, held at the College on Friday, May 24th, 1907.

PRESENT :—

Dr. W. T. EDWARDS (in the Chair), THE PRINCIPAL, Mr. T. HURRY RICHES, Mr. Councillor HERBERT M. THOMPSON.

The Registrar submitted a Certificate from the Architect for £3,500 in favour of Messrs. E. Turner & Sons.

Resolved—To recommend the Finance Committee to sign a cheque for £3,500 in favour of Messrs. E. Turner & Sons.

"At a Special Meeting of the Building Committee held at the College on Thursday, June 27th, 1907,

Present—Mr. Councillor HERBERT M. THOMPSON (in the Chair), Dr. W. T. EDWARDS, Mr. Alderman MILDON, Mr. T. H. THOMAS.

A letter was read from the Architect concerning the omission of the Contractors in erecting the new buildings to provide one of the heating flues to this Library.

Resolved—That the Registrar be requested to express to the Architect the hope of the Committee that he will be able to attend a Special Meeting of the Building Committee to be held on the site of the New Buildings in Cathays Park on Tuesday afternoon next if possible, or on some other day convenient to him before the next meeting of the Council, in order that he may advise the Committee in regard to the matter referred to in his communication.

The Registrar submitted a Certificate from the Architect for £3,800 in favour of Messrs. E. Turner & Sons.

Resolved—To recommend the Finance Committee to sign a cheque for £3,800 in favour of Messrs. E. Turner & Sons."

"At a Special Meeting of the Building Committee, held on the site of the New College Buildings, in Cathays Park, on Monday, July, 1st, 1907.

Present—Dr. W. T. EDWARDS (in the Chair), Mr. Alderman S. MILDON, Mr. Alderman E. THOMAS, Mr. T. H. THOMAS, Mr. Councillor HERBERT M. THOMPSON.

Mr. W. D. CAROE was in attendance.

The meeting was called for the purpose of meeting the Architect and considering a communication from him concerning the omission of the Contractors in erecting the new buildings to provide one of the heating flues to the library.

Mr. Turner attended the meeting, and agreed to take down one of the piers and rebuild it so as to include the heating flue to the Library, which had been omitted."

A Special Meeting of the Building Committee was summoned for Tuesday, August 6th, 1907, but there was not a quorum of Members present.

Mr. H. M. Thompson and Dr. W. T. Edwards resolved to recommend the Finance Committee to sign a cheque for £4,350 in favour of Messrs E. Turner and Sons, on account of their contract for the erection of the Superstructure of the New College Buildings.

W. T. Edwards

A Special Meeting of the Building Committee was summoned for Friday, September 13th, 1907, but there was not a quorum of Members present.

Mr. Lewis Williams and Mr. T. H. Thomas resolved to recommend the Finance Committee:—

- (a) To sign a cheque for £3,800 in favour of Messrs E. Turner and Sons, on account of their contract for the erection of the Superstructure of the New College Buildings.
- (b) To request the Registrar to inform the Architect that the Committee cannot recognise any endorsement of the kind made on the certificate now presented to the Committee as a liability to pay any person or persons.

W. T. Edwards

At a meeting of the Building Committee, held at the College on Monday, January 6th, 1908.

PRESENT :—

Dr. W. T. EDWARDS (in the Chair).
The PRINCIPAL.
Mr. Councillor HERBERT M. THOMPSON.
Mr. EDWARD THOMAS.
The REGISTRAR.

The minutes of the meetings held on August 6th and September 13th, 1907, were read and were confirmed.

The Registrar submitted a certificate from the Architect for £4,000 in favour of Messrs. E. Turner & Sons.

Resolved.—To recommend the Finance Committee to sign a cheque for £4,000 in favour of Messrs. E. Turner & Sons.

A letter was read from the Architect, dated 23rd December, 1907, stating that it was now impossible to obtain green Quarella stone, as provided in the contract, and suggesting that the balusters should be carried out in Portland stone for the same price as allowed in the contract for the Quarella stone, and that Messrs. Turner & Sons were prepared to do this.

Resolved.—To authorise the Architect to carry out this change in the Contract.

Resolved.—To request the Chief Constable to report to the Committee on the best method to adopt for the extinguishing of fires.

W. T. Edwards

At a Meeting of the Building Committee, held at the College, on Thursday, January 30th, 1908.

Present.—Mr. T. H. THOMAS (in the Chair), Major-General LEE.

Resolved.—To appoint Mr. T. H. Thomas and the Principal a Sub-Committee, with executive power, to provide the necessary platforms and blackboards for the New College Buildings.

W. T. Edwards

At a Meeting of the Building Committee, held at the College, on Monday, February 24th, 1908.

Present—Dr. W. T. EDWARDS (in the Chair), The PRINCIPAL, Mr. T. HURRY RICHES, Mr. T. H. THOMAS.

The Minutes of the meetings held on January 6th and 30th, 1908, were read and were confirmed.

A certificate was submitted from the Architect for £6,059 in favour of Messrs. E. Turner & Sons.

Resolved—To recommend the Finance Committee to sign a cheque for £6,059 in favour of Messrs. E. Turner & Sons.

Resolved—That the Committee is of opinion that the Architect should forward his certificates direct to the College, and not to the Contractors.

Phyllis

Minutes of the Building Committee.

At a Meeting of the Building Committee, held at the College, on Friday, March 13th, 1908.

Present :—The Right Hon. The EARL OF PLYMOUTH (Chairman), Mr. DAVID DAVIES, M.P., Mr. LEWIS WILLIAMS, Mr. EDWARD THOMAS, Major-General H. H. LEE, Mr. T. H. THOMAS, The PRINCIPAL, The REGISTRAR.

The Minutes of the previous meeting were read and were confirmed.

Tenders for the Electric Installation of the New Buildings.

Letters were read from Messrs. Price, Friend & Co., and Messrs. G. W. Matthew & Co., both of Cardiff, expressing regret that they had not been given an opportunity of submitting a tender for the electric installation of the new buildings. A letter was also read from Messrs. Clay Bros. & Co., of Cardiff, respecting the manner in which tenders had been obtained for the electric wiring of the new buildings.

Resolved—To request the Registrar to inform the three firms in question that the Council of the College has placed the entire responsibility for the electric installation of the new buildings upon the Architect, and that the Committee is not therefore in a position to take any action in the matter referred to in their communications.

The following list of tenders for the electric installation was submitted by the Architect :—

		£	s.	d.
1.	The Electrical and General Engineering Co., London	A. *1,725	0	0
		B. *1,791	0	0
2.	Messrs. R. Alger & Sons, Newport	A. 2,100	0	0
		B. 2,201	0	0
3.	Messrs. F. Suter & Co., Ltd., London	A. 2,434	0	0
		B. 2,529	0	0
4.	Messrs. Higgins & Griffiths, London	A. 2,466	0	0
		B. 2,549	0	0
5.	The South Wales Installation Co., Pontypridd	A. 2,664	0	0
		B. 2,763	0	0
6.	Messrs. Belshaw & Co., London	A. 2,843	0	0
		B. —		
7.	Messrs. Edwards & Armstrong, Bristol	A. 2,975	0	0
		B. 3,170	0	0
8.	Messrs. Whippell Bros. & Row, Exeter	A. 3,057	10	0
		B. 3,092	0	0
9.	Messrs. Wenham & Waters, Ltd., London	A. 4,952	10	0
		B. 5,091	10	0
10.	Bedford & Co., Cardiff	A. 5,430	10	0
		B. 5,523	8	0

*£220 to be added to both alternatives (see letter).

60

Tenders not received from following at time of opening.

Mr. E. Penman, Newport, Mon.
Messrs. Clay Bros & Co., Cardiff.
Mr. R. Nance, Cardiff.
Messrs. Probert & Co., Walbrook, E.C.
Messrs. Troup & Co., Bristol.

ESTIMATE A.—Provides for laying on complete installation and fitting Royal Edison (together with 5 dozen spare) lamps to all fittings.

ESTIMATE B.—Provides for laying in installation as before, but for fitting "Osram" Tungsten Lamps to certain fittings enumerated in specification.

Correspondence was read between the Architect and the Electrical and General Engineering Co., of London, and a letter was read from Messrs. R. Alger & Sons, of Newport, respecting their tender.

Resolved—To accept the tender of Messrs. R. Alger & Sons, of Newport, for the electric installation of the new buildings, without the lamps; and to request Messrs. R. Alger & Sons to make the necessary deduction in respect of lamps from their tender, and advise the Registrar of the amount of such deduction.

Bookcases and Panelling in the Library.

The Principal reported that, after consultation with Mr. Ballinger, the Clerk of the Works estimated that £1,000 would be required for the oak bookcases in the Library, and that the 7-ft. deep oak panelling, not provided for in the contract with Messrs. E. Turner & Sons, would cost about £500.

Resolved—

- (a) To recommend the Council to request the Chairman of the Building Committee to approach the Worshipful The Drapers' Company with a view to the Company making an additional grant of £1,500 towards the Library in the new buildings, to cover the cost of the remaining oak work.
- (b) To request the Registrar to communicate with the Architect, asking him whether he knows of any other extras similar to that of the wood panelling in the Library, especially so far as the Library is concerned, which have not been included in the contract with Messrs. E. Turner & Sons.

lw

3

The Erection of the Bacteriological Laboratory.

A letter from Mr. W. E. R. Allen, Clerk to the Cardiff and County Public Health Laboratory Committee, referred from the Council, was read, asking when the College intended to commence the erection of the Bacteriological Laboratory in Cathays Park in accordance with the terms of the lease granted to the College by the City Council of Cardiff.

Resolved—To request the Registrar to direct the attention of Mr. Allen to the resolution, a copy of which has already been forwarded to him, which was passed by the Building Committee, and adopted by the Council, at its meeting held on October 11th, 1905.

Certificates of the Architect.

A letter was read from the Architect pointing out that Clause 41 in the contract required the certificates to be sent to the Contractor by the Architect, and if the course suggested by the Building Committee in regard to this matter were adopted, it would have to be with the sanction of the Contractor.

Insurance of the New Buildings during Construction.

The Registrar reported that Messrs. E. Turner & Sons had insured the new buildings during construction with the Royal Insurance Co.

Resolved—To request the Registrar to ascertain from the Architect whether the Council of the College is fully protected in regard to this matter, and whether the policies of insurance should be in its hands or in the hands of the Contractors.

Fire Appliances.

Resolved—To forward to the Architect a letter received from the Head Constable of Cardiff concerning fire appliances in the new buildings.

Lewis Williams

At a Meeting of the Building Committee, held at the College, on Monday, April 27th, 1908.

Present—Mr. LEWIS WILLIAMS (in the Chair), The PRINCIPAL, Mr. T. H. THOMAS, Mr. EDWARD THOMAS, The REGISTRAR.

The Minutes of the previous meeting having already been printed and circulated, were taken as read, and were confirmed.

Fire Hydrants.

Resolved—To request the Architect to obtain from the Contractor responsible for the water work in the New College Buildings an estimate of the Fire Hydrants necessary for protection from fire, and to consult the Chief Constable concerning the location of such hydrants.

Electric Lighting.

The Registrar reported that he had received a letter from Messrs. R. Alger & Sons, dated 23rd March, in which they stated: "The net amount of our tender, exclusive of the supply of lamps, is £2,048."

Pipes for Hot Water Services.

Resolved—To reply to the letter of the Architect, dated 6th April, to the effect that the Committee suggests that galvanised pipes should be used, the pipes to be of guaranteed water and not gas quality, and that copper pipes should be used for the Research Laboratory.

Resolved—To request the Principal to report on rooms for a caretaker and on the suggestion to employ a night watchman.

Research Laboratory.

Resolved—To request the Principal to provide the permanent fittings for this Laboratory, at a cost not exceeding £100.

Resolved—That steps be taken to see that those fittings are put in which can be put in during the progress of the buildings.

Resolved—To request the Registrar to reply to the letter of Mr. W. E. R. Allen, dated 18th March, to the effect that as soon as the Council has resolved to commence the erection of the Public Health Laboratory, he will be informed.

Fire Insurance Policy.

The Registrar submitted the Fire Insurance Policy made out in the joint names of the Council and the Contractor, and reported that the policy was in his possession.

The Registrar submitted a certificate from the Architect for £3,300 in favour of Messrs. E. Turner & Sons.

Resolved—To recommend the Finance Committee to sign a cheque for £3,300 in favour of Messrs. E. Turner & Sons.

W. D. Edwards

At a Meeting of the Building Committee, held at the College on Monday, May 11th, 1908.

Present—Dr. W. T. EDWARDS (in the Chair), The PRINCIPAL, Major-General H. H. LEE, Mr. EDWARD THOMAS, Mr. LEWIS WILLIAMS, The REGISTRAR.

The Minutes of the previous Meeting were read and were confirmed.

Resolved—To request the Architect to consult the Water Works Engineer, and then report to this Committee, on the pipes to be put in for the hot water services.

Allotment of Rooms.

Resolved—To adopt the report of the Senate in this matter.

Porter's Rooms.

Resolved—To utilize for the Porter's Rooms the Lodge and Room No. 47.

Resolved—To use for the present, for the Common Room for the Assistant Lecturers, some part of the Store Rooms.

Night Watchman.

Resolved—To request the Principal and the Registrar to report on this suggestion.

Heating.

Resolved—To ask the Architect to obtain a rough estimate for gas and electric radiators for the private rooms, and the cost of gas pipes for 19 rooms.

Osram Lamps.

This matter was deferred.

Statue of Lord Aberdare.

Resolved—To request the Registrar to make the necessary enquiries.

At a Special Meeting of the Building Committee, held at the site of the New College Buildings, in Cathays Park, on Monday, May 25th, 1908.

Present—Major-General LEE (in the Chair), Mr. LEWIS WILLIAMS, Mr. Councillor HERBERT M. THOMPSON, The PRINCIPAL.

Resolved—

- (1) That it is not now possible to make changes in the drainage system of the lavatories, but that the pipes be painted stone colour.
- (2) To recommend the Council to authorise this Committee to obtain (a) An estimate for the completion of the storey above the Physical Research Laboratory. (Note.—It was originally proposed to place a temporary roof over the laboratory, but the additional expense involved in the construction of this roof and its removal at a later period would be considerable.) (b) An estimate of the cost of erecting buildings in the space between the existing buildings and the Research Laboratory.
- (3) To approve the Principal's proposals for the separate heating of the Research Laboratory, and to obtain an estimate of the cost.
- (4) That the room which appears to be most suitable as a bedroom for the caretaker is Room No. 33, and that the Council be recommended to authorise the erection of a temporary building in the North Court for the day purposes of the caretaker, and in order to enable light refreshments, &c., to be prepared. The Committee is of opinion that a portable building might be purchased for the purpose referred to.

The Committee directs the attention of the Council to the necessity for the removal of certain trees.

Wm. Richards

At a Meeting of the Building Committee, held at the College, on Monday, June 1st, 1908.

Present—Mr. T. HURRY RICHES (in the Chair), THE PRINCIPAL, Mr. JOHN DUNCAN, Mr. T. H. THOMAS, THE REGISTRAR.

The Minutes of the meetings held on May 11th and 25th, 1908, were read and were confirmed.

Resolved—To report to the Council :—

- (1) That a Night Watchman is not required; that a Resident Porter and his Wife should be engaged; and that it should be part of the duties of the Porter to inspect all the rooms, with a watchman's watch, twice after 6 o'clock, and at least once after 10 o'clock each evening.
- (2) That the Research Laboratory can be heated by copper pipes from the main radiators.
- (3) That the Committee has requested the Architect to report in detail on the water supply on each wing of each floor of the building; on the waste water pipes; and also on arrangements for water for cleaning purposes throughout the building.

Resolved—To recommend the Council :—

- (1) That the building which contains the Research Laboratory be completed by putting on the top storey, which would be utilised by the Mining Department.
- (2) That temporary buildings be erected for the porter at a cost of about £170.
- (3) That no provision be made for additional heating of the Professors' private rooms, but that fires be lit when necessary.
- (4) That the Finance Committee be asked to report to the Council whether funds are available for filling in the gap between the Research Laboratory and the existing building.
- (5) To write to the Corporation stating that certain trees in front of the building are a pest in the way of the carvers, and that they also discolour the stones; and that the Council ask for permission to pull down these trees and plant an equal number in the neighbourhood of the buildings.
- (6) To request the Cardiff Corporation to grant permission for the statue of the late Lord Aberdare which is now in Howard Gardens, to be placed on the site of the new College in Cathays Park.

*Adopted
by Council
June 1st/08*

J. Edwards

At a Meeting of the Building Committee held at the College on Tuesday, June 30th, 1908.

Present :- Dr. W. T. Edwards (In the Chair), Mr. Lewis Williams, The Principal, Mr. T. H. Thomas, The Registrar.

The Minutes of the previous meeting were read and were confirmed.

An exhaustive report was received from the Architect.
On the report,

RESOLVED-

- (1). To accept the advice of the Architect not to provide additional hydrants. (This will effect a saving of about £500).
- (2). To rescind the previous resolution concerning temporary quarters for the caretaker at a cost of about £200, and to erect the permanent rooms for the caretaker ~~at a cost of about~~ as provided in the plans at an approximate cost of £900; to put up a partition in the Women's Cloak Room providing a room for a woman attendant at a cost of about £50.
- (3). To provide iron ladders on the roofs at a cost of about £5.

Research Laboratory.

- (4). Not to put plaster but tiles on the walls; to put up a partition at the entrance; to rescind an item in a previous report of this Committee, and to provide separate heating arrangements.

- (5). Not to erect a covered way between the main portion of the present buildings and the Research Laboratory.

- (6). To use the diagram room as the room for teaching Art to the Normal students, subject to the approval of the Board of Education.

- (7). To approve the list of bells and telephones.

- (8). To insert all extra items in the above in the new Contract with the builders for the erection of the top storey for the Mining Department over the Research Laboratory.

- (9). To authorise an expenditure of about £25 on a room for the cleaners in which water will be provided.

Water services.

The report of the Architect on the water services was submitted.

RESOLVED- To authorise an extra expenditure of £135 for cast iron mains with lead branches, and for the construction of tanks in lead in lieu of iron; the cold water pipes to be of lead and ~~the~~ the hot water pipes of galvanised iron.

Trees.

The Principal and the Registrar reported on the removal of certain trees which were in front of the buildings.

At a Special Meeting of the Building Committee held at the College, on Friday, July 10th 1908

Present

Dr. W. J. Edwards (In the chair)

Mr. Lewis Williams

Mr. Councilor Herbert E. Thompson.

A certificate was submitted from the Architect for £500 in favour of Messrs. R. Edger & Sons.

Resolved

To recommend the Finance Committee to sign a cheque for £500 in favour of Messrs. R. Edger & Sons

Resolved

That the Registrar be requested to communicate with the Town Clerk informing him that this Committee will probably have to make a representation to the City Council with regard to the covenants in the lease of land from the Corporation to the Government on which the new Drill Hall will be erected, and that the Committee will be glad

- (1) To be furnished with a rough plan, if possible, showing the proposed position of the new Drill Hall in the bathys Park.
- (2) To know whether such site has been definitely settled.
- (3) To be informed of the date on or before which it will be necessary for the representation referred to to be made in order that it may be considered by the City Council at an early date

Resolved

(further) That a Special Meeting of the Building Committee be held to consider this matter, and that a joint meeting of the Building and Finance Committees be held on the same afternoon to consider the question of filling in the gap between the new Research Laboratory and

the existing building in bathurst Park, which has been referred from the Council.

H. H. Lee

At a meeting of the Building Committee, held at the College on Monday, July 20th, 1908.

Present—Major-General H. H. LEE (in the Chair), THE PRINCIPAL, Mr. T. H. THOMAS.

The minutes of the meetings held on June 30th and July 10th, 1908, were read and were confirmed.

A certificate was submitted from the Architect for £5,200 in favour of Messrs. E. Turner & Sons.

Resolved—To recommend the Finance Committee to sign a cheque for £5,200 in favour of Messrs. E. Turner & Sons.

At a Joint Meeting of the Building and Finance Committees, held at the College on Monday, July 20th, 1908.

Present—Mr. T. H. THOMAS (in the Chair), Major-Gen. H. H. LEE, Mr. EVAN OWEN, the Rev. H. M. HUGHES, THE PRINCIPAL, the Rev. W. LEWIS ROBERTSON, THE REGISTRAR.

The meeting having discussed the suggestion that the Western façade be completed, deferred the question for the present.

W. J. Edwards

At a Meeting of the Building Committee, held at the College on Thursday, the 17th September 1908.

Present.

Dr. W. T. Edwards (In the Chair)

The Rev. W. E. Winks

Mr. T. H. Thomas

Mr. Councillor John Chappell

The Registrar

The Registrar submitted a certificate from the Architects for £5,300 in favour of Messrs. E. Turner & Sons.

Resolved

To recommend the Finance Committee to sign a cheque for £5,300 in favour of Messrs. E. Turner & Sons.

T. H. Thomas

At a Joint Meeting of the Building and Finance Committees, held at the College on Thursday, September 17th, 1908.

Present—Mr. Councillor HERBERT M. THOMPSON (in the Chair), the Rev. W. E. WINKS, the Rev. J. MORGAN JONES, the Rev. W. LEWIS ROBERTSON, Mr. T. H. THOMAS, Mr. CHARLES MORGAN, the Rev. H. M. HUGHES, Dr. W. T. EDWARDS, Principal W. EDWARDS, Mr. Councillor JOHN CHAPPELL, THE REGISTRAR.

Resolved—To confirm the action of the Treasurer in authorising the payment of the following sums during the Vacation:—

£400 to Messrs. E. Turner and Sons on account of their contract for the foundations of the new College Buildings.

£480 to Mr. F. Small on account of his contract for the erection of the new Laundry at the Cookery School.

W. T. Edwards

At a Special Meeting of the Building Committee, held at the College on Thursday, October 1st, 1908.

Present—Mr. T. H. THOMAS (in the Chair), THE PRINCIPAL, Mr. Councillor JOHN CHAPPELL, Mr. Councillor HERBERT M. THOMPSON, Mr. LEWIS WILLIAMS.

The minutes of the meeting held on September 17th, 1908, were read and were confirmed.

The Registrar submitted a certificate from the Architect for £500 in favour of Messrs. R. Alger & Sons.

Resolved—To recommend the Finance Committee to sign a cheque for £500 in favour of Messrs. R. Alger & Sons.

Resolved—To ask the City Electrical Engineer whether he would be good enough to give the Committee the benefit of his advice on certain matters connected with the electrical installation of the new buildings.

W. T. Edwards

At a Meeting of the Building Committee, held at the College on Monday, November 16th, 1908

Present—Dr. W. T. EDWARDS (in the Chair), THE PRINCIPAL, Mr. LEWIS WILLIAMS, Mr. T. HURRY RICHES, Dr. J. LYNN THOMAS, THE REGISTRAR.

The Minutes of the Meetings of the Building Committee, held on July 20th. and October 1st. 1908, and of the Joint Meeting of the Building and Finance Committees, held on July 20th and September 17th, 1908, were read and were confirmed.

A certificate was submitted from the Architect for £3,500, in favour of Messrs. E. Turner & Sons.

Resolved—To recommend the Finance Committee to sign a cheque for £3,500 in favour of Messrs. E. Turner & Sons.

W. T. Edwards

At a Meeting of the Building Committee, held at the College, on Friday, December 4th, 1908.

Present.

Dr. W. T. Edwards. (In the chair).

Mr. Councilor John Chappell.

" J. H. Thomas.

The Principal.

Mr W. D. Baroë was in attendance.

The Minutes of the previous meeting were read and were confirmed.

Resolved That a contract be entered into with Messrs. E. Turner & Sons, based on the same schedule of prices that obtain for the rest of the buildings now in course of construction, for the following additions which have been already sanctioned by the Council:—

(1) The completion of the top storey for the Mining Department over the Research Laboratory, together with certain other fittings and alterations, the Architect to make special terms with the

contractors, if possible, with regard to the floors.

(2) The erection of the caretakers' apartments.

The Shelving of the Library

Resolved

To recommend the Council to adopt the following report of the Sub-committee appointed by the House, Library and Apparatus Committee in regard to this matter.

"Resolved:-

" (1) That at present only the gallery be
" shelved, and that book-shelves be placed
" in the gallery on both sides of the Library,
" in order to allow for the reasonable expansion
" of the Library and for close classification
" on the Dewey system.

" (2) That the shelves be of solid oak.

" (3) That the shelves on one side of the
" Library be wired, and that those on the
" other side be open.

" (4) That Yonks' fittings be used in the
" shelves.

" (5) That the Architect be requested to prepare,
" as soon as possible, a design for the book-
" shelves, and an estimate of the cost."

The Appointment of an Expert to advise on Alterations and Furnishing

Resolved.

To appoint the following a Sub-committee, with executive power, to appoint an expert to advise on the necessary alterations to the old buildings in Newport Road and the furnishing of them, in order to adapt them to the needs of the

Science Departments :- Mr J. S. Thomas, The Principal, and the Registrar

Mottos for the New Buildings.

Resolved To recommend the Council to adopt the following mottos for the New Buildings :-

Grand Staircase

"North gwlad ei gwylbodan".

"Multi pertransibunt et augebitur Scientia".

Council Chamber over Mantelpiece.

"Ne quid temere ac fortuito".

In this connection, instructions were given to the Architect concerning the labelling of the doors to certain rooms and entrances.

The Drill Hall.

A letter was read from the Town Clerk stating that the site fixed for the Drill Hall in Cathays Park "adjoins the piece of land belonging to Lord Bute in the north west corner and is immediately south of the land they now possess."

Statue of the late Lord Aberdare.

A letter was read from the Town Clerk stating that the City Council had granted permission for the removal of the above statue from Howard Gardens to the site of the New College, the College Authorities to undertake that the Gardens are restored at the point of removal to the satisfaction of the Parks Superintendent, and that the foundations of the statue are all removed.

The Principal reported that he had asked the Architect to inspect the statue, and report on the best site at the New Buildings and the probable

cost of removing the statue and fixing it at its new site

Resolved

To approve the action of the Principal in this matter.

Lewis Williams

At a meeting of the Building Committee, held at the College, on Thursday, January 14th, 1909.

Present—Mr. LEWIS WILLIAMS (in the Chair), The PRINCIPAL, Mr. T. H. THOMAS, Mr. Councillor H. M. THOMPSON, The REGISTRAR.

The Minutes of the previous meeting were read, and were confirmed.

The Registrar submitted a certificate from the Architect for £5,001 6s. 3d., in favour of Messrs. E. Turner & Sons.

Resolved—To recommend the Finance Committee to sign a cheque for £5,001 6s. 3d., in favour of Messrs. E. Turner & Sons.

Resolved—To adjourn this meeting for the holding of the meeting of the Finance Committee.

At the adjourned meeting of the Building Committee,

Resolved—To report to the Council that the Architect has arranged with the Contractors for them to erect the storey for the Department of Mining above the Research Laboratory, at a cost of £4,602.

The Shelving of the Library.

Resolved—That the Registrar be requested to ask Mr. Ballinger to furnish in writing his reasons for recommending the Dewey system of classification and Tonks' fittings.

The Principal reported on certain temporary arrangements which had been made with respect to heating the New Buildings.

Resolved—To appoint the following a Sub-Committee to report on the furnishing of the Council Chamber and Library:—

Mr. Councillor H. M. Thompson, Mr. Lewis Williams, Mr. T. H. Thomas, Mr. T. Hurry Riches, and the Principal.

The Appointment of an Expert to advise on Alterations at Newport Road.

Resolved—To approve the action of the Sub-Committee in appointing Mr. F. Small, at a minimum fee of £5 5s. and a maximum fee of £10 10s., to report on alterations at Newport Road.

Resolved—To request the Registrar to write to the Treasurer of the Viriamu Jones Memorial Fund, asking whether he will approve the action of the Committee in arranging with Mr. Goscombe John for a permanent pedestal for the statue, and for the inscription thereon, and also whether he has any money in hand which can be utilized towards the cost of removing the statue.

Water Supply—New College.

Resolved—To approve the action of the Registrar in giving instructions for a 3in. meter to be fixed, in lieu of a 2in. meter, signed for in the contract.

Herbert M Thompson

At A meeting of the Building Committee, held at the College on Wednesday, February 10th, 1909,

Present.

Mr. Councillor Herbert M. Thompson (In the Chair),
The Principal,
Mr. Lewis Williams,
Mr. Edward Thomas,
Mr. T. H. Thomas,
Dr. W. T. Edwards,
Dr. J. Lynn Thomas,
Mr. Councillor John Chappell,
The Registrar.

Mr. W. D. Caroe was in attendance.

The Minutes of the previous meeting were read and were confirmed.

The Statue of the late Principal
Viriamu Jones.

RESOLVED :-

- (a) That Mr. W. Goscombe John and Mr. W. D. Caroe be asked to decide on the kind of marble to be used for the pedestal of the statue.
- (b) That Mr. H. Woolcott Thompson be asked to communicate with Mr. W. Clarke, Sculptor, Llandaff, stating that the Committee had accepted the tender of Mr. Clarke for the pedestal of the statue.

The Furnishing of the New Buildings.

RESOLVED :-

- (a) That the following be appointed a Sub-Committee in regard to the Furnishing of the New Buildings :- The Principal, Mr. T. H. Thomas, Mr. Edward Thomas, Mr. Lewis Williams, Mr. T. Hurry Riches, Dr. J. Lynn Thomas.
- (b) That the Sub-Committee be authorised to advertise for tenders for the furniture required, and to submit

same to the Building Committee for consideration.

(c) That tenders be invited from local and other firms.

Fire Appliances.

RESOLVED :-

That communications concerning Fire Extinguishers be referred to the Sub-Committee.

H. H. Thomas

At a Meeting of the Sub-Committee, appointed by the Building Committee, concerning the Furnishing of the New Buildings, held at the College on Wednesday, February 10th, 1909.

Present.

Mr. T. H. Thomas (In the Chair).
Mr. Lewis Williams.
Mr. Edward Thomas.
Dr. J. Lynn Thomas.
The Principal.
The Registrar.

Mr. W. D. Caroe was in attendance.

RESOLVED :-

To appoint Mr. T. H. Thomas Chairman of the Sub-Committee.

Council Chamber.

RESOLVED :-

- (a) To adopt plan of Council Chamber Marked "C" submitted by the Architect.
- (b) To request the Architect to prepare designs for the furniture.

Library.

RESOLVED :-

- (a) That small tables and chairs be provided for the basement of the Library.

The Architect undertook to furnish the Committee with catalogues of chairs.

The Architect recommended that dual desks be provided for the Lecture Rooms, and that the seats should be 2 ft. in width rather than 1'-8" the usual width of seats.

RESOLVED :-

That meetings of this Committee be held every Friday at 4.30 p.m., and that Members be informed if the meeting is not to be held in any week.

T. H. Thomas

At a Meeting of the Building Sub-committee concerning the Furnishing of the New Buildings, held at the college on Friday, February 19th, 1909.

Present:- Mr. St Thomas (in the Chair), Mr. Lewis Williams, Dr. Flynn Thomas, The Principal, The Registrar

The following report of the Senate was considered, and the notes attached thereto are the recommendations of the committee in each case :-

The Furnishing of the Common Rooms, Private Rooms and Lecture Rooms in the New Buildings.

General Recommendations.

The Senate submits the following general recommendations :-

1. The boards in all rooms in which block flooring is laid down should be waxed.
2. A clock should be placed ~~in each of the Lecture Rooms and in the Professors' Common Room, the Common Room for Women members of the Staff, the Common Writing Room, and the Room for the members of the Junior Staff.~~ *Noted lodge.*
3. Blinds should be uniform throughout the building.
4. In all Private Rooms the door should be fitted with lock and key, fender, fire-irons, coal-box, waste paper-basket, and safety ink stands should be provided; part of the cupboard under the book shelves should be fitted with pigeon holes to hold examination papers, &c. *two rugs and a table cover so matches could be kept.*

No striking clocks.

where necessary.

chairs; sample rooms to be fitted up
(1) one

5. Before the form of the benches and desks for Lecture Rooms is decided upon, Manufacturers of these articles of furniture should be asked to submit models for the inspection of the Building Committee.

Samples to be submitted.

6. The Lecture Rooms should be named according to the Department or Departments to which they are respectively assigned.

Sample tablets to be submitted.

The large Lecture Rooms, No. 40 and No. 39 on the plan, should be named the Intermediate Lecture Rooms, No. 1 and No. 2, respectively.

The other Lecture Rooms should be named as follows :-

- No. 41 on plan, The *English and History* Lecture Room.
- No. 42 on plan, the *Latin* Lecture Room.
- No. 43 on plan, the *Greek and Philosophy* Lecture Room.

No. 44 on plan, the *German and Music* Lecture Room.

No. 45 on plan, the *Economics and Political Science and Hebrew* Lecture Room.

No. 46 on plan, the *Mathematics* Lecture Room.

No. 48 on plan, the *French and Welsh* Lecture Room.

a master key of brass for all rooms in the College should be provided.

Special Requirements not referred to, in the above General Recommendations.

Professors' Common Room.

Rug for hearth, 6ft. by 3ft.

~~Rug for floor under large table, and under writing table, door mat.~~ *Over mat.*

Oak table 12ft. by 4ft. with leather top.

~~Writing table, with paper cases, inkstands and pen trays.~~

~~Small occasional tables.~~

Two open book cases, A A on plan, 4ft. wide, 7ft. high, the lower half of one of these to be fitted as a cupboard with two doors.

(a) 2

(b) 6.

(c) 4.

Calendar, letter machine, rack for newspapers, waste paper basket.

6 ordinary chairs

~~Curtains to match rug and curtain rods for all windows.~~

~~6-P.D. on plan. Blinds for windows C and D.~~

~~Bed to Professor's Lodge.~~

2 portable electric lamp stands ~~with plug~~ for same at L L on plan.

40 pigeon holes for letters at G on plan.

~~Wardrobe and shelf.~~

Side-board to be moved from the present Common Room to the New Buildings.

Picture Rail.

SEE PLAN.

Common Writing Room.

- (a) 12 writing tables and fittings as in Professors' Common Room.
 (b) 24 chairs ~~with arms~~.
 Rugs for hearth and under each writing table.
 Blinds and curtains.
 Bell to Porter's Lodge.
 Calendar, notice board, letter box, letter weigher, waste paper basket.
 Door mat.

Common Room for Women Members of the Staff.

Furniture to be taken over from Old Buildings:—

- 2 writing tables, 1 ordinary table.
 2 wooden arm chairs, 2 easy chairs, 4 ordinary chairs.
 2 small umbrella stands.

New furniture required:—

- 2 large rugs.
 (a) 2 easy chairs.
 Waste paper basket, calendar, letter weigher.
 Door mat, pegg, mirror.
 1 small table 6ft. by 3ft. with cover to match rugs.
 Blinds and curtains.
 Cupboard 5ft. high, 4ft. wide, to hold diagrams.

Study for Junior Members of the Staff.

Writing tables, fitted as in Professors' Common Room.

Large waste paper basket.

(a) 2 reading chairs.

~~Rugs under writing tables~~, door mat.

Calendar, letter weigher, small notice board.

Centre table 8ft. by 4ft., ~~and under~~.(a) 1 portable electric light stand, ~~curtain for door~~.

12 lockers with locks, in 3 rows, with 4 in each row, each locker:

to be 20in. wide, 10in. high, 16in. deep.

12 open book shelves under the lockers.

Lecture Rooms.

No. 39. Table with slope, capable of being raised vertically on supports, to a height of 2ft. 6in. above the table.
Lecturer's chair, and two other chairs.

No. 40. As in No. 39.

No. 42. Six rows of continuous benches with gangways down each side, and a passage down the middle, the benches on one side of the middle passage being numbered in odd numbers, and those on the other side in even numbers.
Table with slope as in No. 39. Chairs as in No. 39.

No. 43. Table 4ft. by 2ft.

Reading desk 16in. high in front above table. Two chairs.
Benches should be numbered.

No. 44. Table and slope as in No. 39.

Benches should be numbered.

No. 45. Table 6ft. long with substantial solid wood writing desk 3ft. long, 2ft. 6in. wide, rising at the upper edge from 12in. to 15in. above table. Chairs as in No. 39.

No. 46. Gangway on the west side of the room, 15 rows of continuous benches divided by a passage down the middle of the room, the benches to be numbered, those on one side of the middle passage in odd numbers, and those on the other in even numbers.

Table 4ft. 6in. by 2ft. 6in. wide, with slope 1 in 6 to lift off.

Chairs as in No. 39.

Mathematical Drawing Room.

Fixed blackboard of glass 4ft. by 4ft., and wooden blackboard 4ft. by 4ft., ruled in red in lin. squares.

Skeleton frame as in No. 41.

5 tables for drawing, 18ft. long, with a slope of 1 in 6, lower side of table to be 2ft. 7in. high, the other side to be 3ft. high; length of slope 30in.

25 stools, 24in. high.

30 drawing boards, 20in. square, similar to those at present in use in the Engineering Department. ~~These can be constructed by the College carpenter.~~

No. 30. Normal Lecture Room.

No. 31. Normal Study.

The desks in this room should be movable, as it is intended to use it for teaching drawing as well as for teaching.

Benches to be numbered.

Chairs for platform as in No. 39.

If separate desks are advisable, 45 would be required for No. 30 and 50 for No. 31. The Department has in use now 40 desks and chairs which might be used in No. 31.

No. 49. Table, with raised desk, for platform.

Single adjustable desks. 2 chairs.

No. 26. Table, with raised desk, for platform.

Single adjustable desks. 4 chairs.

No. 27. Table with desk.

Chairs with arms enlarged for writing ~~(to be obtained from High Wycombe)~~.

4 ordinary chairs.

No. 28. Table with desk.

Single adjustable desks.

Private Rooms.

No. 52. Table 6ft. by 3ft.

Arm chair and 6 other chairs

The other requirements as in No. 56.

(a) 6. Samples to be submitted

(b) 16 writing chairs.

(a) 2

(a) 8; samples to be submitted.

(a) Yes, if plug.

Samples to be submitted.

Refer to visit to Building.

Howards changed by arrangement.
 No. 44 to be the Economics Political
 Science and Meteorology Room, and
 No. 45 to be the German and Music
 Lecture Room.

- No. 53. / Two tables, each 6ft. by 2ft. 8in.; arm chair and 12 others.
Door-mat; notice board of green baize, 2ft. square, inside the room.
Reading desk on stand, adjustable to different heights.
A movable electric light for reading.
Two rugs; a row of 6 pegs outside door, and one peg inside the room.
- No. 55. / Table 8ft. by 3ft.; arm chair and 12 others, umbrella stand inside the room, a row of 6 pegs outside door; 2 pegs inside room; door-mat; two rugs; notice board as in No. 53; reading desk as in No. 53.
- No. 56. / Table 8ft. by 3ft.; chairs, door-mat, notice board and rugs as in No. 53. Three pegs inside the room, and 6 pegs outside. Umbrella stand inside the room.
- No. 57. / Table rectangular, made of oak, to seat 12 students for writing; chairs as in No. 53 together with easy chairs; door-mat; 3 pegs inside; umbrella stand outside; Reading stand, available from present private room.
- No. 58. / Table 8ft. by 3ft.; standing adjustable desk with top that can be set on the slope. Chairs as in No. 53. Lights to be moveable. A cupboard with pigeon holes for examination papers is advisable. Door-mat, rugs and notice board as in No. 53. Umbrella stand outside the door; two pegs inside the room.
- No. 59. / Table 10ft. by 4ft. with drawers and leather top, carpet, door-mat, umbrella stand and row of pegs, chairs in present private room will be available.
- No. 60. One long table whole length of room, with polished hardwood top desirable, otherwise American cloth. A roll top writing desk is advisable. Carpet.
- No. 62. One bench along wall with desk before it for 5 students; one central oblong table, the one in present room available; 8 chairs, two of which should be arm-chairs; Austrian bent wood chairs with perforated wooden seats (not cane) are recommended. Chairs, table, desk and bench in present private room would be available.
The cupboard in present room available.
- No. 63. / As in No. 53.
- No. 64. / Piano available from present room.
Table 8ft. by 4ft.; chairs as in No. 53. A desk is advisable.
- No. 33. The furniture of present private room available.

Rooms in Women's Normal Department.

- No. 29. 1 roll top desk and chair.
1 table and cover (colour to go with room).
2 easy chairs.
Fender, fire-irons, coal-box, waste paper basket, calendar, 2 rugs, door mat.
N.B.—This room has to be used for interviews with parents of students, inspectresses, &c., and so must differ somewhat in furniture from the ordinary private room.

No. 61. Umbrella stand and pegs, as in present room in college, from which they may be transferred. Other arrangements as in No. 53. Armchairs and about half dozen other chairs available from present room.

Resolved

To accept the tender of Messrs White, of Bedford, amounting to £111.4.6 for mantelpieces (included in Messrs. S. Turner & Sons' contract)

T. H. Thomas

At a Meeting of the Building Committee, held at the College on Monday, March 1st, 1909,

Present.

Major-General H. H. Lee. (In the Chair).
The Principal.
Mr. T. H. Thomas.

The Minutes of the previous meeting were read and were confirmed.

The report of Mr. F. Small on the alterations and additions required to the buildings in Newport Road to adapt them to the needs of the Science Departments when the Arts and Administrative Departments are removed to the New Buildings, was considered.

RESOLVED :-

- (1) That the work required to be done in the Zoological Department be carried out by Mr. Miles during the Easter Vacation and the Summer Term this year, and that he be instructed to have the two small preparation rooms and the ceiling of the lobby whitened with 'Duresco'.
- (2) That tenders be invited from the following persons and firms for the alterations and additions required, other than those in the Zoological Department, in accordance with the specification of Mr. F. Small, the tenders to be sent in by March 10th, 1909 :-

George Beames.
Geo. Couzens & Sons.
C. & G. Geen.
J. Gibson.
W. Jenkins.
Melhuish Bros.
H. Morgan.
H. W. North.
D. Rowledge & Sons.
F. Small.
E. Turner & Sons.

T. H. Thomas

At a Meeting of the Building Sub-Committee concerning the Furnishing of the New Buildings, held at the College Buildings, Cathays Park, on Friday, March 5th, 1909,

Present.

Mr. T. Hurry Riches.
Mr. T. H. Thomas.
The Principal.
The Registrar.

RESOLVED :-

- (a) To provide dual desks as follows :-

Lecture Room No.	59	-	90	desks.
"	40	-	90	"
"	42	-	35	"
"	48	-	30	"
"	41	-	28	"
"	43	-	30	"
"	44	-	30	"
"	30	-	35	"
"	31	-	25	"
"	45	-	30	"
"	46	-	30	"

453.

- (b) That the private rooms Nos. 52-57 inclusive be used for displaying the sample furniture of private rooms and lecture rooms, which will be submitted by the various firms.
- (c) That waiting room No. 18 with the small room adjoining and the Registrar's Ante-room No. 5, be used for the present as Caretaker's rooms until the permanent apartments for the Caretaker are erected.
- (d) That a partition of wood and glass from the floor to the ceiling be erected at the end of the office adjoining the Auditors' Room, in accordance with the instructions of the Registrar.
- (e) That picture rails be provided for the Principal's Room, the Registrar's Room, and the waiting rooms.
- (f) That the Principal be made executive in furnishing his rooms.
- (g) That the Registrar be made executive in furnishing his rooms and the office.
- (h) That the following be appointed a committee to make arrangements for the framing of a number of the Salesbury Library Engravings for hanging in the New Buildings, on the understanding that there will be no expenditure out of the ordinary income of the College :- Sir T. Marchant Williams, Mr. T. H. Thomas, The Registrar.

T. H. Thomas.

At a Meeting of the Building Committee, held at the College on Friday, March 12th, 1909,

Present :- Mr. T. H. Thomas (in the Chair), The Principal, Dr. J. Lynn Thomas, Major-General H. H. Lee, The Registrar.

The Minutes of the Meeting held on March 1st, 1909, were read and were confirmed.

Resolved :-

To adopt the Minutes of the meetings of the Sub-Committee concerning the Furnishing of the New Buildings, held on February 10th, 19th, and March 5th, 1909.

The following tenders for the alterations and additions required to the College Buildings in Newport Road were received :-

George Beames	2675: 0:0
Henry Morgan	678:10:0
H. W. North	607: 0:0
D. Rowledge & Sons ..	766: 0:0
F. Small	657: 0:0
E. Turner & Sons ..	838: 0:0

Resolved :

Not to accept a tender for the alterations and additions required as submitted in the present form, but to request the firms who have tendered to divide their tender into two parts, one part to contain all the structural alterations, and the other part the furnishing and necessary renewals of furniture and fittings, and the Committee will then re-consider the tenders as divided.

Resolved :-

To make the Registrar executive, after consultation with Mr. Miles, in sending out the new specifications.

H. J. Edwards

At a Meeting of the Building Sub-Committee concerning the Furnishing of the New Buildings, held at the College on Friday, March 12th, 1909,

Present: Mr. T. H. Thomas (In the Chair); Dr. J. Lynn Thomas; The Principal; The Registrar.

Resolved :

To request the Principal and the Registrar to ascertain what furniture and fittings will be common to all the rooms for the staff, so that various firms may be asked to furnish a room in each case with samples of the furniture and fittings required.

Resolved :

To return to the Architect the designs for the bookcases in the Library gallery, and to request him to invite the following firms to tender for the bookcases, which are all to be wired:

Dart & Francis, Crediton.
 Cornish & Gaymer, Walsham.
 White, Bedford.
 Clarke, Llandaff.
 Martin, Cheltenham.
 Boulton, Cheltenham.
 Hoefler, London.
 Jas. Howell & Co, Cardiff.
 D. Morgan & Co, Cardiff.
 P. E. Gane, Cardiff.
 E. Turner & Sons, Cardiff (added subsequently by
 Architect).

Ogilvie, Aberdeen

Resolved :

To request various firms to submit samples of a chair, which will be suitable for the basement of the Library. (The number required will probably be 400).

Resolved :

To approve the design of the chairs and tables for the Council Chamber submitted by the Architect; to return the design in order that the Architect may prepare the full size details, and to ask him for suggestions as to the firms which should be asked to tender in addition to local firms.

Resolved :

To request the Architect to provide 18 easy chairs for £1.1.6 each, exclusive of the material for covering, which is not to exceed 4s. 6d. per yard, in accordance with his communication of February 24th, 1909.

Resolved :

To make the Principal and the Registrar executive in getting the necessary repairs done to the chairs and other furniture, which will be removed from the Old Buildings to the New Buildings.

Resolved :

That the following firms be requested to tender for school furniture and fittings :

The Educational Supply Association.
 Geo. Hammer & Co, Ltd.
 The Bennett Furnishing Co.
 Hy. Gibbon & Sons, Cardiff.
 P. E. Gane, Cardiff.
 Jas. Howell & Co, Cardiff.
 D. Morgan & Co, Cardiff.

Resolved : *J. D. Bennett, Glasgow*

That the firms referred to in the foregoing resolution be informed that samples of the desks and benches must be submitted in American whitewood ~~or~~ fumed oak; that provision must be made whereby it will not be possible for the ink-wells to be pushed up from below except for the purposes of cleaning; and that the prices quoted must include the staining and varnishing of the desks and benches.

*Received & adopted with
 inked additions*

April 19 1909

Herbert M Thompson

At a Meeting of the Building Committee, held at the College on Monday, March 22nd, 1909,

Present: Dr. W. T. Edwards (In the Chair); Mr. Edward Thomas; Mr. John Duncan; Mr. T. H. Thomas; Mr. T. Hurry Riches; The Registrar.

The Minutes of the meeting held on March 12th, 1909, were read and were confirmed.

The Registrar submitted a certificate from the Architect for £3,150 in favour of Messrs E. Turner & Sons.

Resolved: To recommend the Finance Committee to sign a cheque for £3,150 in favour of Messrs E. Turner & Sons.

Herbert M Thompson
19/4/09

At a meeting of the Building Committee, held at the College on Monday, April 19th, 1909.

Present—Mr. Councillor H. M. THOMPSON (in the Chair), The PRINCIPAL, Mr. T. H. THOMAS, The REGISTRAR.

The Minutes of the meeting held on March 22nd, 1909, were read and were confirmed.

Resolved—To adopt the Minutes with inked additions of the meeting of the Sub-committee concerning the Furnishing of the New Buildings, held on March 12th, 1909.

College Buildings, Newport Road.

The following tenders were received for structural alterations to the College Buildings, Newport Road :—

	£	s.	d.
F. Small	150	0	0
Hy. Morgan	176	4	0
D. Rowledge & Son	186	9	0
G. Beames	190	0	0
E. Turner & Sons	198	0	0
H. W. North	240	0	0
John Williams	247	14	0

Resolved—To accept the tender of Mr. F. Small for £150.

Resolved—To authorise the Registrar to proceed with the furnishing and necessary renewals of furniture and fittings, as contained in the reports received from Heads of Departments.

Resolved—To authorise the Registrar to send to firms agreed upon the letter submitted by him with respect to tenders for dual desks and benches, and also single desks and benches.

Insurance of New Buildings.

The Registrar reported that the first insurance policy on the New Buildings had expired, and that Messrs. E. Turner & Sons had renewed a policy with the Royal Insurance Co. for £40,000, to expire on the 23rd March, 1910.

Resolved—To request the Registrar to obtain legal opinion on the policy, and also on the meaning of the insurance term "general average."

A communication was read from the City Electrical Engineer and Manager stating "that the constant pressure at which energy will be supplied at your terminals will be 200 and 400 volts, which said constant pressure will be supplied and maintained by a direct current."

Lockers.

The Principal reported on lockers for students, and suggested that 150 should be provided in the Men's Common Room, and 150 in the Women's Common Room, and that a charge should be made per term or per session, or both, to the students for the use of the lockers.

Boundary Wall.

Resolved—To ask the Principal to communicate with the Architect on the question of erecting a small portion of the front wall of the building at the front existing gaps between the Research Laboratory and the Main Block and at the end nearest the City Hall.

J. H. Thomas

At a Meeting of the Building Committee, held at the College on Thursday, April 29th, 1909.

Present—Mr. T. H. THOMAS (in the Chair), Mr. Councillor John Chappell, Mr. Edward Thomas, Major-General H. H. LEE, The Rev. W. E. WINKS, The PRINCIPAL, The REGISTRAR.

The Minutes of the previous meeting were read and were confirmed.

Walls and Fencing.

Resolved—To recommend the Council to authorise the erection of the front walls to the height of about 6ft. or 7ft. of the buildings proposed to be erected between the Main Block and the Physical Research Laboratory, and at the end of the Main Block nearest the City Hall, at an estimated cost of about £750, and that the erection of the Caretaker's rooms, at an approximate cost of £900, be not proceeded with at the present time.

Resolved—To authorise the Principal to consult with the City Engineer with reference to the fencing in of the ground on the side of the buildings facing Park Place.

Tenders for the Bookcases.

Resolved—To accept Messrs. E. Turner & Sons tender of £1,498 for the bookcases in the Library, provided the Furnishing Sub-Committee is satisfied that the conditions of the specification are satisfactory.

Tenders for Desks and Benches.

Tenders for desks and benches were received and considered.

Resolved—

- (a) To request the following firms to submit a variety of samples of dual desks and benches and of single desks and benches, which must conform with the particulars already supplied :—

The Educational Supply Association, Ltd.

Jas. D. Bennett.

Harry Gibbon & Sons.

- (b) That the Furnishing Sub-Committee be made executive in accepting a tender for the desks and benches.

Tenders for the Chairs and Tables for the Council Chamber.

Resolved—To request the Architect to obtain tenders for the chairs and tables for the Council Chamber from the following firms :—

Messrs. Dart and Francis.

" Cornish and Gaymer.

" Hoeffer, London.

" Glenister, High Wycombe.

" Scull.

" Birch.

" J. & A. Ogilvie, Aberdeen.

" Martin, Cheltenham.

" J. Howell & Co., Cardiff.

" D. Morgan & Co., "

" E. Turner & Sons, "

Mr. P. E. Gane, "

T. H. Thomas

At a Meeting of the Building Sub-Committee concerning the Furnishing of the New Buildings, held at the College on Friday, May 7th, 1909.

Present: Mr. T. H. Thomas (in the Chair), The Registrar.

Tenders for Bookcases.

The Council, at its meeting held on May 5th, 1909, resolved to adopt the recommendation of the Building Committee that Messrs E. Turner & Sons' tender of £1,498 for the Bookcases in the Library be accepted, provided the Furnishing Sub-Committee is satisfied that the conditions of the specifications are satisfactory.

The Registrar submitted a copy of the specifications received from the Architect.

Resolved: To approve the conditions of the specifications

Tenders for Desks and Benches.

Resolved: To approve the action of the Registrar in granting permission

- (1) To Messrs Wake & Neale and the North of England School Furnishing Co to tender for desks and benches, and to submit samples of them.
- (2) To the Bennett Furnishing Co. to submit samples of the desks and benches.

Blackboards and Platforms, etc.

Resolved:

To send to the Architect for report a list of the blackboards and platforms, etc. required by Heads of Departments.

Furniture and Fittings for Common Rooms, Private Rooms, etc.

Resolved:

That the Registrar be authorised to divide the order for furniture and fittings for the Common Rooms and Private Rooms of the Staff, and for Lecture Rooms, between Messrs James Howell & Co and Messrs D. Morgan & Co., and other firms (if necessary).

T. H. Thomas.

At a Meeting of the Building Sub-Committee concerning the Furnishing of the New Buildings, held at the College on Monday, May 17th, 1909.

Present: Mr. T. H. Thomas (In the Chair), The Principal, Mr. T. Hurry Riches, The Registrar.

Tenders for Desks and Benches.

The Committee inspected sample desks and benches submitted by certain firms.

Resolved : To accept the tender of the Bennet Furnishing Co., Ltd, London, for the supply of desks and benches as follows :
Dual desk, "University" pattern as per sample submitted, 4 ft. long, with single folding seats and castors, in oak, at 22/6 per desk and bench.
Single desk, of the same pattern as the dual desk, 2 ft. long, in oak, at 17/6 per desk and bench.

Furniture required for Private Rooms and Common Rooms.

Resolved :

To make the Principal and the Registrar executive in providing such furniture for the Private Rooms and Common Rooms, as they may consider it absolutely necessary to provide before the beginning of next Session.

Window Blinds.

Resolved :

To authorise the Principal and the Registrar to obtain tenders, before June 4th, for blinds for all the windows in the front of the New Buildings from the following firms :-

James Howell & Co.
David Morgan & Co.
Morgan & Richardson.

T. H. Thomas

At a Meeting of the Building Committee, held at the College on Monday, May 17th, 1909.

Present: Mr. T. H. Thomas (In the Chair), The Principal, Mr. T. Hurry Riches, Dr. W. T. Edwards, The Registrar.

The Minutes of the meeting held on April 29th, 1909, were read and were confirmed.

Resolved:

To adopt the Minutes of the Meeting of the Sub-Committee concerning the Furnishing of the New Buildings, held on May 7th, 1909.

Trees.

The Registrar reported that, acting on permission given by the Corporation, 11 trees in the front of the New Buildings had been cut down.

Statue of the late Viriamu Jones.

Resolved :

To accept the tender of Mr. W. Clarke, Llandaff, for a boxed pedestal for the statue of the late Viriamu Jones in pavonazzo for £70:10:0, to which must be added £13:5:0 for moving the statue from the City Hall to the New College and for fixing.

The New Library.

Resolved :

To recommend the Council to adopt as the official title of the Library in the New College Buildings, "The Drapers' Company Library".

Fencing.

Resolved :

To place an English chestnut fencing around the New Buildings, provided the consent of the Cardiff Corporation is obtained to the erection of such a fence.

T. H. Thomas.

"At a Meeting of the Building Committee, held at the College on Wednesday, May 19th, 1909.

Present—Mr. T. H. THOMAS (in the Chair), The PRINCIPAL, The REGISTRAR.

The Minutes of the Meeting of the Building Committee and the Minutes of the Meeting of the Building Sub-Committee concerning Furnishing, held on May 17th, 1909, were read and were confirmed.

The Registrar submitted a certificate from the Architect for £3,900 in favour of Messrs. E. Turner & Sons.

Resolved—To recommend the Finance Committee to sign a cheque for £3,900 in favour of Messrs. E. Turner & Sons.

Resolved—To give the Contract for the Furnishing of the Council Chamber in the New College Buildings to Messrs. Hoffer & Co., of London (the lowest tender), for £246."

W. T. Edwards

At a Special Meeting of the Building Committee held at the College, Cathays Park, on Monday, July 19th, 1909.

Present: Dr. W. T. Edwards (In the Chair), Mr. Councillor Herbert M. Thompson, The Principal, Sir John Duncan, Major-general H. B. Lee, Mr. Edward Thomas, The Registrar.

The Registrar submitted a certificate from the Architect for £500 in favour of Messrs R. Alger & Sons.

Resolved: To recommend the Finance Committee to sign a cheque for £500 in favour of Messrs R. Alger & Sons.

Lord Aberdare's Statue.

Resolved: To defer for the present the consideration of the site for this statue.

Ground and Boundary Walls.

Resolved: To approve the plan of the Architect for two entrance gates and a semicircular drive and the necessary extension of the boundary in front owing to the additional grant of land by the Corporation.

Resolved (also): That the boundary wall in front shall not in any case be more than 4'- 0" in height, and that, if possible, it be kept down to 3'- 6".

Tennis Courts.

Resolved: To lay out one tennis court in grass and one in asphalt; £25 of the students' annual grant for athletic grounds to be reserved for this expenditure.

W. T. Edwards

Fives Court.

Resolved: That, if the Principal can collect the money independently of the Building Fund, there shall be a fives court provided.

Quadrangle.

Resolved: In the quadrangle to lay the ground in grass, with the exception of one path and the necessary smaller paths.

W. T. Edwards

At a Meeting of the Building Committee held at the College on Monday, August 9th 1909.

Present: Dr W. T. Edwards, (In the Chair), Mr Edward Thomas, Mr Counsellor Herbert M. Thompson.

The Minutes of the Meetings held on May 19th and July 19th were read and were confirmed.

The Registrar submitted a certificate from the Architect for £4,111-6-3 in favour of Messrs E. Turner & Sons

Resolved: To recommend the Finance Committee to sign a Cheque for £4,111-6-3 in favour of Messrs E. Turner & Sons.

W. T. Edwards